

HLA-DR/HLA-DP monoclonal antibody, clone MEM-136 (PE)

Catalog # MAB4485

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against HLA-DR/HLA-DP.
Immunogen	Native from PHA-activated peripheral blood leucocytes.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes common epitope on beta-chain of human HLA-DR and HLA-DP. It reacts with alpha/beta dimer as well as with dissociated beta-subunit. DR and DP are the isotypes of human MHC Class II molecules expressed on antigen-presenting cells (APC; dendritic cells, B lymphocytes, monocytes, macrophages).
Form	Liquid
Conjugation	PE
Isotype	IgG1
Recommend Usage	Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10^6 cells in a suspension) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunoprecipitation
- Flow Cytometry

Gene Info — HLA-DPB1

Entrez GeneID [3115](#)

Gene Name HLA-DPB1

Gene Alias DPB1, HLA-DP1B

Gene Description major histocompatibility complex, class II, DP beta 1

Omim ID [142858](#)

Gene Ontology [Hyperlink](#)

Gene Summary

HLA-DPB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta chain (DPB), both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. Within the DP molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to 4 different molecules. [provided by RefSeq]

Other Designations

HLA DP14-beta chain|HLA-DP histocompatibility type, beta-1 subunit|MHC HLA DPB1|MHC class II HLA-DP-beta|MHC class II HLA-DP-beta-1|MHC class II HLA-DRB1|MHC class II antigen DP beta 1 chain|MHC class II antigen DPbeta1|MHC class II antigen beta chain|OTT

Gene Info — HLA-DRB1

Entrez GeneID [3123](#)

Gene Name HLA-DRB1

Gene Alias DRB1, FLJ76359, HLA-DR1B, HLA-DRB, HLA-DRB1*, SS1

Gene Description major histocompatibility complex, class II, DR beta 1

Omim ID [126200](#) [142857](#) [181000](#)

Gene Ontology [Hyperlink](#)

Gene Summary

HLA-DRB1 belongs to the HLA class II beta chain paralogs. The class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB), both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa. It is encoded by 6 exons. Exon one encodes the leader peptide; exons 2 and 3 encode the two extracellular domains; exon 4 encodes the transmembrane domain; and exon 5 encodes the cytoplasmic tail. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Hundreds of DRB1 alleles have been described and typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralog DRB3, DRB4 and DRB5. DRB1 is present in all individuals. Allelic variants of DRB1 are linked with either none or one of the genes DRB3, DRB4 and DRB5. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9. [provided by RefSeq]

Other Designations

HLA class II antigen beta chain|HLA class II histocompatibility antigen, DR-1 beta chain|HLA-DR-beta 1|MHC class II HLA-DR beta 1 chain|MHC class II HLA-DR-beta cell surface glycoprotein|MHC class II antigen HLA-DR13|human leucocyte antigen DRB1|leucocyte

Gene Info — HLA-DRB3

Entrez GeneID

[3125](#)

Gene Name

HLA-DRB3

Gene Alias

HLA-DR3B, MGC117330

Gene Description

major histocompatibility complex, class II, DR beta 3

Gene Ontology

[Hyperlink](#)

Gene Summary

HLA-DRB3 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DRA) and a beta (DRB) chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogues DRB3, DRB4 and DRB5. The presence of DRB3 is linked with allelic variants of DRB1, otherwise it is omitted. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9. [provided by RefSeq]

Other Designations

MHC class II HLA-DR beta 3 chain|MHC class II antigen DR beta 3 chain|human leucocyte antigen DRB3

Gene Info — HLA-DRB4

Entrez GeneID	3126
Gene Name	HLA-DRB4
Gene Alias	DRB4, HLA-DR4B
Gene Description	major histocompatibility complex, class II, DR beta 4
Gene Ontology	Hyperlink
Gene Summary	HLA-DRB4 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DRA) and a beta (DRB) chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogues DRB3, DRB4 and DRB5. The presence of DRB4 is linked with allelic variants of DRB1, otherwise it is omitted. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9. [provided by RefSeq]
Other Designations	DRB1 transplantation antigen HLA DRB1*1202 MHC HLA DR-beta chain MHC class II HLA-DR-beta-7 MHC class II antigen HLA-DR-beta MHC class II antigen HLA-DRB1 MHC class2 antigen class II histocompatibility antigen HLA DR alpha, beta1-0307 human leucocyte anti

Gene Info — HLA-DRB5

Entrez GeneID	3127
Gene Name	HLA-DRB5
Gene Alias	-
Gene Description	major histocompatibility complex, class II, DR beta 5
Omim ID	604776
Gene Ontology	Hyperlink

Gene Summary

HLA-DRB5 belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DRA) and a beta (DRB) chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. Within the DR molecule the beta chain contains all the polymorphisms specifying the peptide binding specificities. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. DRB1 is expressed at a level five times higher than its paralogues DRB3, DRB4 and DRB5. The presence of DRB5 is linked with allelic variants of DRB1, otherwise it is omitted. There are 4 related pseudogenes: DRB2, DRB6, DRB7, DRB8 and DRB9. [provided by RefSeq]

Other Designations

HLA class II histocompatibility antigen, DR-5 beta chain|MHC HLA-DR-beta cell surface glycoprotein|MHC HLA-DR-beta chain|MHC class II HLA beta chain|MHC class II antigen|OTTHUMP0000029035|human leucocyte antigen DRB5|leukocyte antigen class II

Publication Reference

- [T cell activation-associated epitopes of CD147 in regulation of the T cell response, and their definition by antibody affinity and antigen density.](#)

Koch C, Staffler G, Huttinger R, Hilgert I, Prager E, Cerny J, Steinlein P, Majdic O, Horejsi V, Stockinger H.

International Immunology 1999 May; 11(5):777.

Pathway

- [Allograft rejection](#)
- [Allograft rejection](#)
- [Allograft rejection](#)
- [Allograft rejection](#)
- [Allograft rejection](#)
- [Antigen processing and presentation](#)
- [Antigen processing and presentation](#)
- [Antigen processing and presentation](#)
- [Antigen processing and presentation](#)
- [Antigen processing and presentation](#)

- [Asthma](#)
- [Asthma](#)
- [Asthma](#)
- [Asthma](#)
- [Asthma](#)
- [Autoimmune thyroid disease](#)
- [Autoimmune thyroid disease](#)
- [Autoimmune thyroid disease](#)
- [Autoimmune thyroid disease](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Graft-versus-host disease](#)
- [Graft-versus-host disease](#)
- [Graft-versus-host disease](#)
- [Graft-versus-host disease](#)
- [Hematopoietic cell lineage](#)
- [Hematopoietic cell lineage](#)
- [Hematopoietic cell lineage](#)
- [Hematopoietic cell lineage](#)
- [Systemic lupus erythematosus](#)
- [Systemic lupus erythematosus](#)

- [Systemic lupus erythematosus](#)
- [Systemic lupus erythematosus](#)
- [Systemic lupus erythematosus](#)
- [Type I diabetes mellitus](#)
- [Type I diabetes mellitus](#)
- [Type I diabetes mellitus](#)
- [Type I diabetes mellitus](#)
- [Type I diabetes mellitus](#)

Disease

- [Abortion](#)
- [Abortion](#)
- [Abortion](#)
- [Abortion](#)
- [Abruptio Placentae](#)
- [Abruptio Placentae](#)
- [Abruptio Placentae](#)
- [Abruptio Placentae](#)
- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Acute Disease](#)
- [Addison Disease](#)
- [Adenocarcinoma](#)
- [Adrenal Cortex Neoplasms](#)
- [Adrenal hyperplasia](#)
- [Adrenal Insufficiency](#)

- [Adrenocortical Carcinoma](#)
- [Agranulocytosis](#)
- [AIDS-Related Opportunistic Infections](#)
- [Alopecia](#)
- [Alopecia Areata](#)
- [Alport syndrome](#)
- [Alveolar Bone Loss](#)
- [Alveolar Bone Loss](#)
- [Alveolar Bone Loss](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Amyloidosis](#)
- [Anemia](#)
- [Anti-Glomerular Basement Membrane Disease](#)
- [Antiphospholipid Syndrome](#)
- [Antiphospholipid Syndrome](#)
- [Aortic Aneurysm](#)
- [Aortic Aneurysm](#)
- [Aortic Aneurysm](#)
- [Aortic Aneurysm](#)
- [Aortic Diseases](#)
- [Aortic Valve Insufficiency](#)
- [Aortitis](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis Obliterans](#)
- [Arteritis](#)

- [Arthritis](#)
- [Arthritis](#)
- [Arthritis](#)
- [Arthritis](#)
- [Asthma](#)
- [Asthma](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Atrophy](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Autoimmune Diseases](#)
- [Autoimmune Diseases](#)
- [Autoimmune Diseases](#)
- [Autoimmune polyglandular syndrome](#)
- [Autonomic Nervous System Diseases](#)
- [Bacteremia](#)
- [Bacterial Infections](#)
- [Behcet Syndrome](#)
- [Berylliosis](#)
- [Berylliosis](#)
- [Biliary Atresia](#)
- [Biliary Atresia](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)

- [Blood Group Incompatibility](#)
- [Blood Group Incompatibility](#)
- [Brain Infarction](#)
- [Brain Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast cancer](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Breast Neoplasms](#)
- [Breast Neoplasms](#)
- [Bronchiectasis](#)
- [Bronchiolitis](#)
- [Bronchiolitis](#)
- [Bronchiolitis](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Carcinoma](#)
- [Carcinoma](#)
- [Cardiomyopathies](#)
- [Cardiomyopathy](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cardiovascular Diseases](#)

- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Carpal Tunnel Syndrome](#)
- [Cataplexy](#)
- [Cataplexy](#)
- [Cataplexy](#)
- [Celiac Disease](#)
- [Celiac Disease](#)
- [Cell Transformation](#)
- [Cerebrovascular Accident](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chagas Cardiomyopathy](#)
- [Chagas Disease](#)
- [Child Development Disorders](#)
- [Chlamydia Infections](#)
- [Chlamydomydia Infections](#)
- [Cholangitis](#)
- [Cholestasis](#)
- [Choreatic Disorders](#)
- [Choroidal Neovascularization](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Chronic Disease](#)
- [Chronic Disease](#)
- [Chronic Disease](#)

- [Churg-Strauss Syndrome](#)
- [Churg-Strauss Syndrome](#)
- [Churg-Strauss Syndrome](#)
- [Cicatrix](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colitis](#)
- [Colorectal Neoplasms](#)
- [Common Variable Immunodeficiency](#)
- [Complex Regional Pain Syndromes](#)
- [Connective Tissue Diseases](#)
- [Constriction](#)
- [Coronary Aneurysm](#)
- [Coronary Aneurysm](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cough](#)
- [Crohn Disease](#)
- [Cryoglobulinemia](#)
- [Cystic fibrosis](#)
- [Cytomegalovirus Infections](#)
- [Cytomegalovirus Infections](#)
- [Cytomegalovirus Retinitis](#)
- [Deafness](#)
- [Death](#)
- [Dementia](#)

- [Dementia](#)
- [Dementia](#)
- [Dementia](#)
- [Dengue](#)
- [Dengue](#)
- [Dengue Hemorrhagic Fever](#)
- [Dental Caries](#)
- [Dermatitis](#)
- [Dermatomyositis](#)
- [Diabetes](#)
- [Diabetes](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Diabetes Mellitus](#)
- [Diabetic Ketoacidosis](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Diarrhea](#)
- [Dilatation](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Disease Susceptibility](#)
- [Disease Susceptibility](#)
- [Disease Susceptibility](#)

- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Disorders of Excessive Somnolence](#)
- [Drug Eruptions](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Duchenne muscular dystrophy](#)
- [Duodenal Ulcer](#)
- [Dystonia](#)
- [Dystonic Disorders](#)
- [Echinococcosis](#)
- [Echinococcosis](#)
- [Edema](#)
- [Encephalitis](#)
- [Encephalomyelitis](#)
- [Encephalomyelitis](#)
- [Endometriosis](#)
- [Endometriosis](#)
- [Enterovirus Infections](#)
- [Eosinophilia-Myalgia Syndrome](#)
- [Epidermal Necrolysis](#)
- [Epilepsy](#)
- [Epstein-Barr Virus Infections](#)
- [Epstein-Barr Virus Infections](#)
- [Erythema](#)
- [Erythema Chronicum Migrans](#)

- [Esophageal Neoplasms](#)
- [Exanthema](#)
- [Exanthema](#)
- [Eye Diseases](#)
- [Eye Infections](#)
- [Familial Mediterranean fever](#)
- [Fanconi Syndrome](#)
- [Fatigue Syndrome](#)
- [Femur Head Necrosis](#)
- [Fibrosis](#)
- [Focal Epithelial Hyperplasia](#)
- [Gastritis](#)
- [Gastrointestinal Hemorrhage](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Hemorrhage](#)
- [Gingival Hemorrhage](#)
- [Gingival Hemorrhage](#)
- [Gingival Hemorrhage](#)
- [Glaucoma](#)
- [Glioblastoma](#)
- [Glioma](#)

- [Glioma](#)
- [Glomerulonephritis](#)
- [Glomerulonephritis](#)
- [Goiter](#)
- [Graft vs Host Disease](#)
- [Graft vs Host Disease](#)
- [Graft vs Host Disease](#)
- [Graft vs Host Disease](#)
- [Graft vs Host Disease](#)
- [Granuloma](#)
- [Graves Disease](#)
- [Graves Disease](#)
- [Graves Ophthalmopathy](#)
- [Growth Disorders](#)
- [Guillain-Barre Syndrome](#)
- [Hallucinations](#)
- [Hallucinations](#)
- [Hallucinations](#)
- [Hallucinations](#)
- [Hashimoto Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Heart Block](#)
- [Heart Failure](#)
- [Helicobacter Infections](#)

- [Hemangioma](#)
- [Hematologic Neoplasms](#)
- [Hematologic Neoplasms](#)
- [Hematologic Neoplasms](#)
- [Hematuria](#)
- [Hemochromatosis](#)
- [Hemoglobinuria](#)
- [Hemophilia A](#)
- [Hemophilia A](#)
- [Hemophilia B](#)
- [Hemophilia B](#)
- [Hemorrhagic Fever with Renal Syndrome](#)
- [Hepatitis](#)
- [Hepatitis](#)
- [Hepatitis](#)
- [Hepatitis A](#)
- [Hepatitis B](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hepatitis C](#)
- [Hepatitis C](#)
- [Hepatitis C](#)
- [Hereditary hemochromatosis](#)
- [Herpes Zoster](#)
- [Herpesviridae Infections](#)
- [Histoplasmosis](#)

- [HIV Infections](#)
- [HIV Infections](#)
- [HIV Infections](#)
- [HIV Infections](#)
- [HIV Infections](#)
- [HIV Seropositivity](#)
- [Hodgkin Disease](#)
- [Hodgkin Disease](#)
- [HTLV-I Infections](#)
- [Hyperglycemia](#)
- [Hyperplasia](#)
- [Hypersensitivity](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Hypertension](#)
- [Hypothyroidism](#)
- [IgA Deficiency](#)
- [Infant](#)
- [Inflammation](#)
- [Inflammation](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Influenza](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Iridocyclitis](#)

- [Ischemia](#)
- [Jaundice](#)
- [Jaundice](#)
- [Joint Diseases](#)
- [Keloid](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Knee Injuries](#)
- [Lambert-Eaton Myasthenic Syndrome](#)
- [Laryngeal Neoplasms](#)
- [Latex Hypersensitivity](#)
- [Latex Hypersensitivity](#)
- [Latex Hypersensitivity](#)
- [Latex Hypersensitivity](#)
- [Leishmaniasis](#)
- [Leishmaniasis](#)
- [Leprosy](#)
- [Leptospirosis](#)
- [Leukemia](#)
- [Leukemia](#)
- [Leukemia](#)
- [Leukemia](#)
- [Leukemia](#)
- [Leukemia-Lymphoma](#)
- [Lewy Body Disease](#)

- [Lewy Body Disease](#)
- [Lewy Body Disease](#)
- [Lewy Body Disease](#)
- [Lichen Planus](#)
- [Lipodystrophy](#)
- [Lipodystrophy](#)
- [Liver Cirrhosis](#)
- [Liver Cirrhosis](#)
- [Liver Cirrhosis](#)
- [Liver Cirrhosis](#)
- [Liver Diseases](#)
- [Liver Diseases](#)
- [Liver Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung carcinoma](#)
- [Lung carcinoma](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Lupus Nephritis](#)

- [Lyme Disease](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Malaria](#)
- [Malaria](#)
- [Malaria](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Memory](#)
- [Meniere Disease](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningitis](#)
- [Menkes syndrome](#)
- [Mental Processes](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)
- [Mitral Valve Insufficiency](#)
- [Mixed Connective Tissue Disease](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Mucocutaneous Lymph Node Syndrome](#)

- [Multiple Myeloma](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Multiple Sclerosis](#)
- [Multiple Sclerosis](#)
- [Muscle Weakness](#)
- [Muscular Diseases](#)
- [Muscular Dystrophy](#)
- [Myasthenia Gravis](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Myelitis](#)
- [Myelitis](#)
- [Myelodysplastic Syndromes](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Myositis](#)
- [Myositis](#)
- [Narcolepsy](#)
- [Narcolepsy](#)
- [Narcolepsy](#)
- [NARP](#)
- [Nasal Polyps](#)
- [Nasopharyngeal Neoplasms](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)

- [Neoplasms](#)
- [Neovascularization](#)
- [Nephritis](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Neuralgia](#)
- [Neuromyelitis Optica](#)
- [Neuromyelitis Optica](#)
- [Neuropsychological Tests](#)
- [Neutropenia](#)
- [Nevus](#)
- [Nevus](#)
- [Nut Hypersensitivity](#)
- [Obesity](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Occupational Diseases](#)
- [Occupational Diseases](#)
- [Occupational Diseases](#)
- [Occupational Diseases](#)
- [Oligospermia](#)
- [Ophthalmia](#)
- [Opportunistic Infections](#)
- [Optic Neuritis](#)
- [Optic Neuritis](#)
- [Oral Submucous Fibrosis](#)

- [Osteoarthritis](#)
- [Osteomyelitis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Diseases](#)
- [Ovarian Neoplasms](#)
- [Pancreatitis](#)
- [Pancreatitis](#)
- [Papilloma](#)
- [Papillomavirus Infections](#)
- [Papillomavirus Infections](#)
- [Paracoccidioidomycosis](#)
- [Paraneoplastic Syndromes](#)
- [Paraparesis](#)
- [Parasitemia](#)
- [Paroxysmal nocturnal hemoglobinuria](#)
- [Pars Planitis](#)
- [Peanut Hypersensitivity](#)
- [Pemphigoid](#)
- [Pemphigus](#)
- [Peptic Ulcer](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Attachment Loss](#)

- [Periodontitis](#)
- [Periodontitis](#)
- [Periodontitis](#)
- [Periodontitis](#)
- [Periodontitis](#)
- [Pharyngitis](#)
- [Phenylketonuria](#)
- [Philadelphia Chromosome](#)
- [Photosensitivity Disorders](#)
- [Pityriasis Rosea](#)
- [Pityriasis Rosea](#)
- [Pityriasis Rosea](#)
- [Pityriasis Rosea](#)
- [Pneumococcal Infections](#)
- [Pneumonia](#)
- [Polyarteritis Nodosa](#)
- [Polycystic Ovary Syndrome](#)
- [Polyendocrinopathies](#)
- [Polymyalgia Rheumatica](#)
- [Polymyositis](#)
- [Polyneuropathies](#)
- [Polyradiculoneuropathy](#)
- [Postoperative Complications](#)
- [Precursor B-Cell Lymphoblastic Leukemia-Lymphoma](#)
- [Prediabetic State](#)
- [Pre-Eclampsia](#)

- [Pregnancy Complications](#)
- [Pregnancy Complications](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostate cancer](#)
- [Proteinuria](#)
- [Prurigo](#)
- [Psoriasis](#)
- [Psoriasis](#)
- [Psoriasis](#)
- [Psychomotor Performance](#)
- [Psychoneuroimmunology](#)
- [Puerperal Disorders](#)
- [Pulmonary Embolism](#)
- [Pulmonary Embolism](#)
- [Pulmonary Fibrosis](#)
- [Pulmonary Fibrosis](#)
- [Purpura](#)
- [Purpura](#)
- [Purpura](#)
- [Q Fever](#)
- [Rare Diseases](#)
- [Recurrence](#)
- [Recurrence](#)
- [Recurrence](#)
- [Recurrence](#)
- [Respiratory Hypersensitivity](#)

- [Respiratory Hypersensitivity](#)
- [Respiratory Tract Infections](#)
- [Respiratory Tract Neoplasms](#)
- [Retroperitoneal Fibrosis](#)
- [Rheumatic Diseases](#)
- [Rheumatic Fever](#)
- [Rheumatic Heart Disease](#)
- [Rheumatic Heart Disease](#)
- [Rheumatic Heart Disease](#)
- [Rheumatoid Nodule](#)
- [Rhinitis](#)
- [Rhinitis](#)
- [Salivary Gland Diseases](#)
- [Salmonella Infections](#)
- [Sarcoidosis](#)
- [Sarcoidosis](#)
- [Sarcoidosis](#)
- [Sarcoidosis](#)
- [Sarcoidosis](#)
- [Sarcoma](#)
- [Sarcoma](#)
- [Sarcoma](#)
- [Sarcoma](#)
- [Schistosomiasis](#)
- [Schistosomiasis japonica](#)
- [Schistosomiasis japonica](#)

- [Schizophrenia](#)
- [Scleroderma](#)
- [Scleroderma](#)
- [Scleroderma](#)
- [Scleroderma](#)
- [Scleroderma](#)
- [Seizures](#)
- [Seminoma](#)
- [Severe Acute Respiratory Syndrome](#)
- [Shock](#)
- [Silicosis](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Small Cell Lung Carcinoma](#)
- [Spinal Dysraphism](#)
- [Spinal Dysraphism](#)
- [Spinal Dysraphism](#)
- [Spinal Dysraphism](#)
- [Splenomegaly](#)
- [Spondylarthritis](#)
- [Spondylitis](#)
- [Spondylitis](#)
- [Staphylococcal Infections](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)

- [Stomatitis](#)
- [Streptococcal Infections](#)
- [Substance Abuse](#)
- [Substance-Related Disorders](#)
- [Syndrome](#)
- [Temporal Arteritis](#)
- [Temporomandibular Joint Disorders](#)
- [Testicular Neoplasms](#)
- [Thromboangiitis Obliterans](#)
- [Thromboangiitis Obliterans](#)
- [Thrombocytopenia](#)
- [Thrombocytopenia](#)
- [Thromboembolism](#)
- [Thromboembolism](#)
- [Thymoma](#)
- [Thymus Neoplasms](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Thyroiditis](#)
- [Toxoplasmosis](#)
- [Trachoma](#)
- [Translocation](#)
- [Tuberculosis](#)
- [Tuberculosis](#)
- [Tuberculosis](#)

- [Tuberculosis](#)
- [Tuberculosis](#)
- [Tumor Virus Infections](#)
- [Tumor Virus Infections](#)
- [Turner Syndrome](#)
- [Typhoid Fever](#)
- [Uremia](#)
- [Urticaria](#)
- [Urticaria](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Diseases](#)
- [Uveitis](#)
- [Uveitis](#)
- [Uveomeningoencephalitic Syndrome](#)
- [Vascular Diseases](#)
- [Vasculitis](#)
- [Venous Thrombosis](#)
- [Venous Thrombosis](#)
- [Vesico-Ureteral Reflux](#)
- [Viremia](#)
- [Vitiligo](#)
- [Vitiligo](#)
- [Vulvar Lichen Sclerosus](#)
- [Vulvar Neoplasms](#)
- [Warts](#)

- [Wegener Granulomatosis](#)
- [Weight Gain](#)
- [Whipple Disease](#)