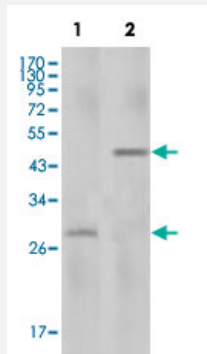


IL2 monoclonal antibody, clone 8D5

Catalog # MAB10421 Size 100 uL

Applications



Western Blot

Western blot analysis using IL2 monoclonal antibody, clone 8D5 (Cat # MAB10421) against full-length IL2 recombinant protein with Trx tag (1) and full-length IL2-hlgGfc transfected HEK293 cell lysate(2).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant IL2.
Immunogen	Recombinant protein corresponding to human IL2.
Host	Mouse
Theoretical MW (kDa)	17.6
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. 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

Western blot analysis using IL2 monoclonal antibody, clone 8D5 (Cat # MAB10421) against full-length IL2 recombinant protein with Trx tag (1) and full-length IL2-hlgGfc transfected HEK293 cell lysate(2).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IL2

Entrez GeneID	3558
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Gene Name	IL2
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Gene Alias	IL-2, TCGF, lymphokine
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Gene Description	interleukin 2
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Omim ID	147680
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. [provided by RefSeq]
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Other Designations	T cell growth factor aldesleukin interleukin-2 involved in regulation of T-cell clonal expansion
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Pathway

- [Allograft rejection](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)

- [Graft-versus-host disease](#)
- [Jak-STAT signaling pathway](#)
- [T cell receptor signaling pathway](#)
- [Type I diabetes mellitus](#)

Disease

- [Abscess](#)
- [Acquired Immunodeficiency Syndrome](#)
- [Acute Disease](#)
- [Addison Disease](#)
- [Adenocarcinoma](#)
- [Aggressive Periodontitis](#)
- [Alopecia Areata](#)
- [Alveolar Bone Loss](#)
- [Alveolitis](#)
- [Alzheimer disease](#)
- [Arthralgia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Barrett Esophagus](#)
- [Berylliosis](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Brucellosis](#)

- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Chagas Disease](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Colitis](#)
- [Common Cold](#)
- [Common Variable Immunodeficiency](#)
- [Connective Tissue Diseases](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Duodenal Ulcer](#)
- [Edema](#)
- [Epstein-Barr Virus Infections](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Diseases](#)
- [Fetal Membranes](#)
- [Gastritis](#)

- [Gastrointestinal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Gonorrhea](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Hashimoto Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hernia](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)
- [Hyperglycemia](#)
- [Hyperparathyroidism](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Idiopathic Pulmonary Fibrosis](#)
- [Immune System Diseases](#)
- [Infant](#)
- [Infection](#)
- [Inflammation](#)
- [Intervertebral Disk Displacement](#)
- [Irritable Bowel Syndrome](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)

- [Leiomyoma](#)
- [Leprosy](#)
- [Leptospirosis](#)
- [Leukemia](#)
- [Lichen Planus](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Neuroendocrine Tumors](#)
- [Neuropsychological Tests](#)
- [Obstetric Labor](#)

- [Occupational Diseases](#)
- [Osteolysis](#)
- [Osteoporosis](#)
- [Pain](#)
- [Pancreatic Neoplasms](#)
- [Parasitic Diseases](#)
- [Parkinson disease](#)
- [Pemphigus](#)
- [Peptic Ulcer](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Postoperative Complications](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Prosthesis Failure](#)
- [Psoriasis](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Pulmonary Fibrosis](#)
- [Purpura](#)
- [Radiation Injuries](#)

- [Radiation Pneumonitis](#)
- [Renal Artery Obstruction](#)
- [Respiratory Hypersensitivity](#)
- [Respiratory Syncytial Virus Infections](#)
- [Respiratory Tract Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Schizophrenia](#)
- [Sciatica](#)
- [Scleroderma](#)
- [Sepsis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Skin Ulcer](#)
- [Stomach Neoplasms](#)
- [Stomach Ulcer](#)
- [Subacute Sclerosing Panencephalitis](#)
- [Thoracic Neoplasms](#)
- [Tuberculosis](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Uterine Neoplasms](#)
- [Vaginitis](#)
- [Vascular Diseases](#)
- [Vulvar Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)