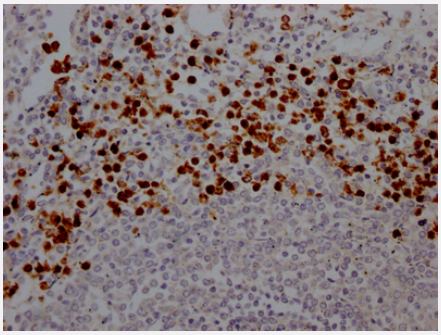
RecomAb™

MPO recombinant monoclonal antibody, clone 2G11

Catalog # RAB04049 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemistry image of MPO recombinant monoclonal antibody, clone 2G11 diluted at 1:100 and staining in paraffin-embedded human spleen tissue performed on a Leica BondTM system.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MPO.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human MPO.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)

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Storage Instruction	Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemistry image of MPO recombinant monoclonal antibody, clone 2G11 diluted at 1:100 and staining in paraffin-embedded human spleen tissue performed on a Leica BondTM system.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MPO

Entrez GeneID	4353
Protein Accession#	P05164
Gene Name	MPO
Gene Alias	-
Gene Description	myeloperoxidase
Omim ID	104300 254600 606989
Gene Ontology	Hyperlink
Gene Summary	Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitu tes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxida se is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalou s acids central to the microbicidal activity of netrophils. [provided by RefSeq
Other Designations	-

Disease

- Absenteeism
- Acquired Immunodeficiency Syndrome

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- Acute Disease
- Adenocarcinoma
- Aggressive Periodontitis
- Agranulocytosis
- Alzheimer disease
- Arsenic Poisoning
- Arteriosclerosis
- Asthma
- Atherosclerosis
- Atrophy
- Autoimmune Diseases
- Behcet Syndrome
- Biliary Tract Neoplasms
- Birth Weight
- Brain Infarction
- Brain Ischemia
- Brain Neoplasms
- Breast cancer
- Breast Neoplasms
- Bronchial Hyperreactivity
- Bronchitis
- Carcinoma
- Cardiovascular Diseases
- Carotid Artery Diseases
- Cerebrovascular Accident
- Chlamydia Infections

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- Chromosome Aberrations
- Chronic Disease
- Chronic Periodontitis
- Churg-Strauss Syndrome
- Cocarcinogenesis
- Cognition
- Cognition Disorders
- Colorectal Neoplasms
- Coronary Artery Disease
- Coronary Disease
- Delayed Graft Function
- Diabetes Complications
- Diabetes Mellitus
- Diabetic Nephropathies
- Disease Progression
- Disease Susceptibility
- DNA Damage
- Drug Hypersensitivity
- Duodenal Ulcer
- Edema
- Endometriosis
- Esophageal Neoplasms
- Eye Diseases
- Gastritis
- Gender Identity
- Genetic Predisposition to Disease

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- Giant Cell Arteritis
- Glioblastoma
- Glioma
- Glomerulonephritis
- Gram-Negative Bacterial Infections
- Head and Neck Neoplasms
- Helicobacter Infections
- Hemochromatosis
- Hemorrhage
- Hepatitis C
- Hepatoblastoma
- Hereditary hemochromatosis
- Hypersensitivity
- Infection
- Inflammation
- Intestinal Neoplasms
- Ischemia
- Keratosis
- Kidney Diseases
- Kidney Failure
- Laryngeal Neoplasms
- Leiomyoma
- Leukemia
- Liver Cirrhosis
- Liver Neoplasms
- Lung carcinoma

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- Lung Neoplasms
- Lupus Erythematosus
- Lymphoma
- Meningeal Neoplasms
- Meningioma
- Metabolic Syndrome X
- Metaplasia
- Micronuclei
- Mouth Neoplasms
- Multiple Myeloma
- Multiple Sclerosis
- Myocardial Infarction
- Narcolepsy
- Neoplasms
- Obesity
- Occupational Diseases
- Oropharyngeal Neoplasms
- Osteoporosis
- Osteosarcoma
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Papillomavirus Infections
- Pelvic Inflammatory Disease
- Peptic Ulcer

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- Periodontal Diseases
- Pharyngeal Neoplasms
- Pneumonia
- Polymyalgia Rheumatica
- Postoperative Complications
- Precancerous Conditions
- Pre-Eclampsia
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Pulmonary Emphysema
- Recurrence
- Respiratory Tract Diseases
- Rhinitis
- Schizophrenia
- Sepsis
- Stomach Diseases
- Stomach Neoplasms
- Stroke
- Substance-Related Disorders
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Uterine Neoplasms
- Vasculitis
- Ventricular Dysfunction
- Vitiligo

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- Wegener Granulomatosis
- Werner syndrome

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