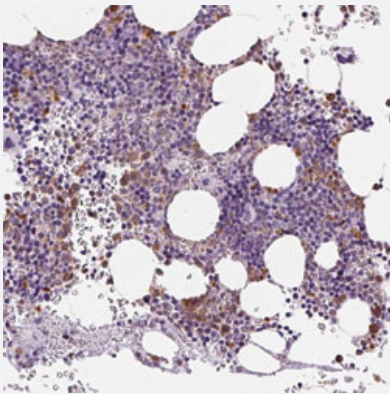


MPO polyclonal antibody

Catalog # PAB30920 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bone marrow with MPO polyclonal antibody (Cat # PAB30920) shows moderate positivity in hematopoietic cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human MPO.
Immunogen	Recombinant protein corresponding to human MPO.
Sequence	SRDHGLPGYNARRFCGLPQPETVGQLGTVLRNLKLARKLMEQYGTPNNIDMMGGVSEPLKRK GRVGPLLACIIGTQFRKLRDGRFWWENEGVFSMQQRQALAQISLPRIICDNTGITTVSKNNIFMSN SYPRDFVNC
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:5000-1:10000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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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 constitutes 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 myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. [provided by RefSeq]
Other Designations	-

Disease

- [Absenteeism](#)
- [Acquired Immunodeficiency Syndrome](#)

- [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](#)

- [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](#)

- [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](#)
- [Keratosi](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leiomyoma](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung carcinoma](#)

- [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](#)

- [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](#)
- [Wegener Granulomatosis](#)
- [Werner syndrome](#)