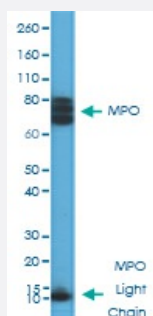


RecomAb™

MPO monoclonal antibody, clone RM407

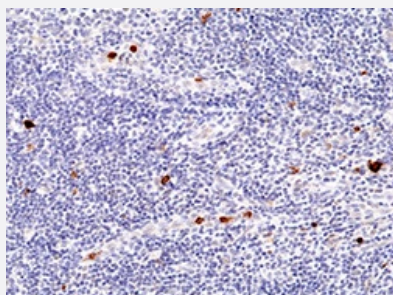
Catalog # MAB23197 Size 100 uL

Applications



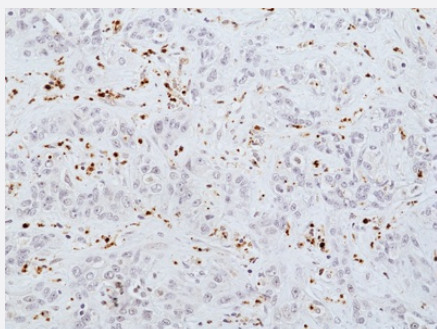
Western Blot (Cell lysate)

Western Blot of HL60 cell lysate using MPO monoclonal antibody clone RM407 at a 1:200 dilution.



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

Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue section using MPO monoclonal antibody clone RM407 at a 1:100 dilution.



Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human cholangiocarcinoma tissue section using MPO monoclonal antibody, clone RM407 (Cat# MAB23197) at 1:100 dilution.

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human MPO.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to the internal region of light chain of human MPO.
Reactivity	Human
Specificity	This antibody reacts to human MPO. This antibody may also react to mouse or rat Mpo, as predicted by immunogen homology.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:100 - 1:200) Western Blot (1:200 - 1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	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 (Cell lysate)

Western Blot of HL60 cell lysate using MPO monoclonal antibody clone RM407 at a 1:200 dilution.

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

Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue section using MPO monoclonal antibody clone RM407 at a 1:100 dilution.

- Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human cholangiocarcinoma tissue section using MPO monoclonal antibody, clone RM407 (Cat# MAB23197) at 1:100 dilution.

Gene Info — MPO

Entrez GeneID [4353](#)

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](#)