

Rabbit MPO Polyclonal Antibody | anti-MPO antibody

MPO Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174406	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

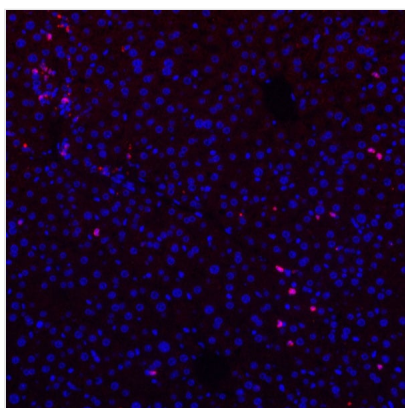
PRODUCT SYNONYMS

MPO; Polyclonal Antibody; MPO Polyclonal Antibody; 84 kDa myeloperoxidase; 89 kDa myeloperoxidase; EC 1.11.1.7; EC1.11.2.2; fj80f04; mpx; myeloid-specific peroxidase; Myeloperoxidase; Myeloperoxidase heavy chain; Myeloperoxidase light chain; PERM; wu:fj80f04; anti-MPO antibody

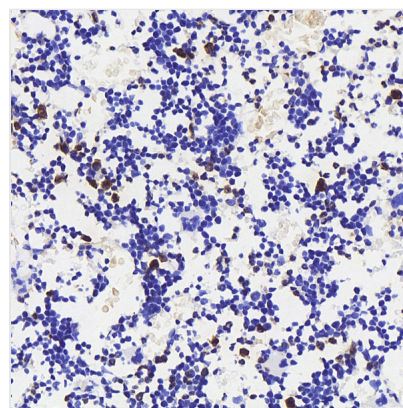
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	0.81 mg/mL (varies by lot)
Sequence Length	650
Applicable Applications for anti-MPO antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse MPO
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

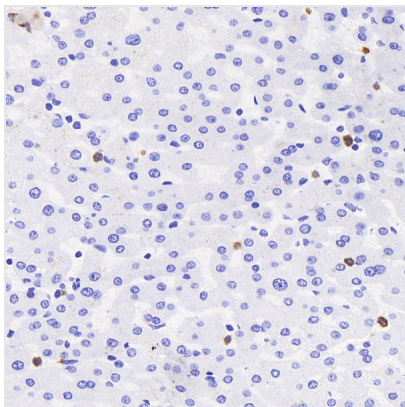
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded human liver using MPO Polyclonal Antibody at dilution of 1:300.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse bone using MPO Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human liver using MPO Polyclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-MPO antibody	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.
Product Categories/Family for anti-MPO antibody	Cancer; Cardiovascular; Metabolism; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557759
NCBI GeneID	4353
NCBI Accession #	NP_000241.1
NCBI GenBank Nucleotide #	NM_000250.1
UniProt Accession #	P05164; Q14862; Q4PJH5; Q9UCL7; A1L4B8
Molecular Weight	73,854 Da
NCBI Official Full Name	myeloperoxidase
NCBI Official Synonym Full Names	myeloperoxidase
NCBI Official Symbol	MPO
NCBI Protein Information	myeloperoxidase
UniProt Protein Name	Myeloperoxidase
UniProt Gene Name	MPO
UniProt Synonym Gene Names	MPO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.