

Rabbit Myeloperoxidase Polyclonal Antibody | anti-MPO antibody

Anti-Myeloperoxidase Antibody

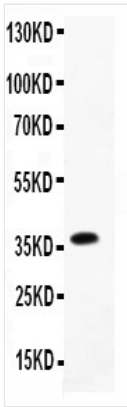
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45652	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Myeloperoxidase; Polyclonal Antibody; Anti-Myeloperoxidase Antibody; myeloperoxidase; 84 kDa myeloperoxidase antibody; 89 kDa myeloperoxidase antibody; EC 1.11.1.7 antibody; EC1.11.2.2 antibody; MPO antibody; Myeloperoxidase heavy chain antibody; Myeloperoxidase light chain antibody; PERM_HUMAN antibody; anti-MPO antibody

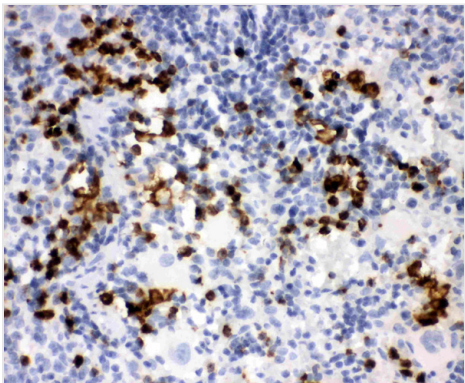
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	745
Applicable Applications for anti-MPO antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Myeloperoxidase recombinant protein (Position:S406-S745). Human Myeloperoxidase shares 90% amino acid (aa) sequence identity with mouse Myeloperoxidase.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



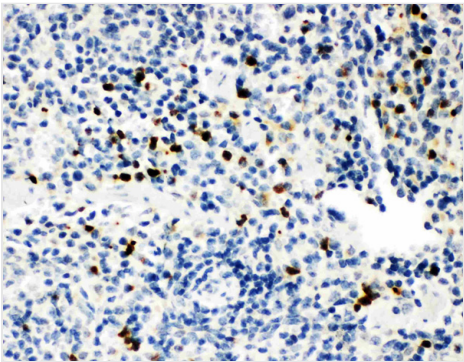
WB (Western Blot)

Anti-Myeloperoxidase Picoband antibody, AAA45652-4.jpgAll lanes: Anti-Myeloperoxidase(AAA45652) at 0.5ug/mlWB: Recombinant Human Myeloperoxidase Protein 0.5ngPredicted bind size: 37KDObserved bind size: 37KD



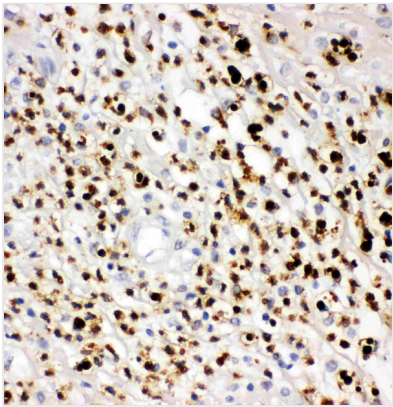
IHC (Immunohistochemisry)

Anti-Myeloperoxidase Picoband antibody, AAA45652-3.JPGIHC(P): Rat Spleen Tissue



IHC (Immunohiostchemistry)

Anti-Myeloperoxidase Picoband antibody, AAA45652-2.JPGIHC(P): Mouse Spleen Tissue



IHC (Immunohistochemistry)

Anti-Myeloperoxidase Picoband antibody, AAA45652-1.JPGIHC(P): Human Appendicitis Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-MPO antibody	Description: Rabbit IgG polyclonal antibody for Myeloperoxidase(MPO) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Myeloperoxidase (MPO) is a mammalian phagocyte hemoprotein thought to primarily mediate host defense reactions. It is abundantly expressed in neutrophils and secreted during their activation. Myeloperoxidase is part of the host defense system of human polymorphonuclear leukocytes, responsible for microbicidal activity against a wide range of organisms. It is located in the nucleus as well as in the cytoplasm. Intracellular MPO may help to protect DNA against damage resulting from oxygen radicals produced during myeloid cell maturation and function. The standard product used in this kit is the product of gene recombination, consisting of 697(A49-S745) amino acids with the molecular mass of 80KDa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129825
NCBI GeneID	4353
UniProt Accession #	P05164; Q14862; Q4PJH5; Q9UCL7; A1L4B8
Molecular Weight	87,248 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
UniProt Entry Name	PERM_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/myeloperoxidase-antibody-immunohistochemistry-western-blot-elisa/45652>