

Rabbit anti-Mouse Mpo Polyclonal Antibody | anti-Mpo antibody

Mouse Mpo Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283213	Rabbit	Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

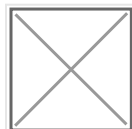
PRODUCT SYNONYMS

Mpo; Polyclonal Antibody; Mouse Mpo Rabbit pAb; mKIAA4033; Mouse Mpo; anti-Mpo antibody

PRODUCT SPECIFICATIONS

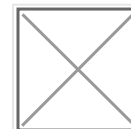
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	MLQTSNGATP ALLGEVENSV VLSCMEEAKQ LVDRAYKERR ESIKRS LQSG SASPTTELLFY FKQPVAGTRT AVRAADYLHV ALDLLKRKLQ PLWPRPFNVT DVLTPAQLNL LSVSSGCAYQ DVRVTCPPND KYRTITGHCHN NRRSPTLGAS NRAFVRWLPA EYEDGVSM PF GWTPGVNRNG FKVPLARQVS NAIVRFPNDQ LTKDQERALM FMQWGQFLDH DITLTPEPAT RFSFFTGLNC ETSCLQPPC FPLKIPPNDP RIKNQKDCIP FFRSCPACTR NNITIRNQIN ALTSFVDASG VYGSEDPLAR KLRNLTNQLG LLAINTRFQD NGRALMPFDS LHDDPCLLTN RSARIPCF LA GDMRSSEMPE LTSMHTLFVR EHNRLATQLK RLNPRWNGEK LYQEAR KIVG AMVQIITYRD YLPLVLGPAA MKKYLPQYRS YNDSVDPRIA NVFTNAFRYG HTLIQPFMFR LNNQYRPTGP NPRVPLSKVF FASWRVVLEG GIDPILRGLM ATPAKLNRQN QIVVDEIRER LFEQVMRIGL DLPALNMQRS RDHGLPGYNA WRRFCGLPQP STVGELGTVL KNLELARKLM AQYGTNNID IWMGGVSEPL EPNGRVGQLL ACLIGTQFRK LRDGDRFWWE NPGVFSKQQR QALASISLPR IICDNTGITT VSKNNIFMSN TYPRDFVSCN TLPKLNLT SW KET
Applicable Applications for anti-Mpo antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 16-718 of mouse Mpo (NP_034954.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Human tonsil using Mouse Mpo Rabbit pAb(AAA283213) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Rat liver using Mouse Mpo Rabbit pAb(AAA283213) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



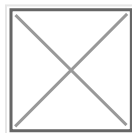
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded Mouse liver using Mouse Mpo Rabbit pAb(AAA283213) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Mouse Mpo Rabbit pAb (AAA283213) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse spleen, using Mouse Mpo Rabbit pAb (AAA283213) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-Mpo antibody	Enables peroxidase activity. Acts upstream of or within several processes, including hypochlorous acid biosynthetic process; removal of superoxide radicals; and response to fungus. Located in mitochondrion. Is expressed in several structures, including alimentary system; genitourinary system; hemolymphoid system; integumental system; and skeleton. Human ortholog(s) of this gene implicated in several diseases, including Alzheimer's disease 1; cystic fibrosis; kidney failure (multiple); liver disease (multiple); and lung disease (multiple). Orthologous to human MPO (myeloperoxidase).
Product Categories/Family for anti-Mpo antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	341941245
NCBI GeneID	17523
UniProt Accession #	P11247 ; Q5NCP1
Molecular Weight	Calculated MW: 81kDa
UniProt Protein Name	Myeloperoxidase
UniProt Gene Name	Mpo
UniProt Synonym Gene Names	MPO
UniProt Entry Name	PERM_MOUSE

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://stage.aaabiotech.com/polyclonal/mpo-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/283213>