

Mouse anti-Human MPL Monoclonal Antibody | anti-MPL antibody

MPL Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312072	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot

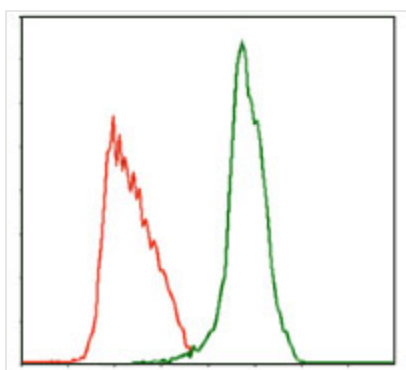
PRODUCT SYNONYMS

MPL; Monoclonal Antibody; MPL Antibody; C MPL antibody; CD110 antibody; mpl antibody; MPLV antibody; Myeloproliferative leukemia protein antibody; Myeloproliferative leukemia virus oncogene antibody; Proto-oncogene c-Mpl antibody; THCYT2 antibody; Thrombopoietin receptor antibody; TPO R antibody; TPO-R antibody; TPOR antibody; TPOR_HUMAN antibody; anti-MPL antibody

PRODUCT SPECIFICATIONS

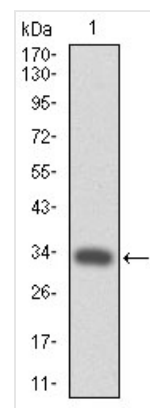
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	A10-H2
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MPL antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of MOLT4 cells with MPL antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).



WB (Western Blot)

Western blot analysis of MPL on human MPL recombinant protein using anti-MPL antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MPL antibody	Thrombopoietin was shown to be the major regulator of megakaryocytopoiesis and platelet formation. The protein encoded by the c-mpl gene, CD110, is a 635 amino acid transmembrane domain, with two extracellular cytokine receptor domains and two intracellular cytokine receptor box motifs. TPO-R deficient mice were severely thrombocytopenic, emphasizing the important role of CD110 and thrombopoietin in megakaryocyte and platelet formation. Upon binding of thrombopoietin CD110 is dimerized and the JAK family of non-receptor tyrosine kinases, as well as the STAT family, the MAPK family, the adaptor protein Shc and the receptors themselves become tyrosine phosphorylated.
Product Categories/Family for anti-MPL antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885491
NCBI GeneID	4352
NCBI Accession #	NP_005364.1
NCBI GenBank Nucleotide #	NM_005373.2
UniProt Accession #	P40238; Q5JUZO
Molecular Weight	65,521 Da
NCBI Official Full Name	thrombopoietin receptor
NCBI Official Synonym Full Names	MPL proto-oncogene, thrombopoietin receptor
NCBI Official Symbol	MPL
NCBI Official Synonym Symbols	MPLV; TPOR; C-MPL; CD110; THCYT2
NCBI Protein Information	thrombopoietin receptor; TPO-R; proto-oncogene c-Mpl; myeloproliferative leukemia protein; myeloproliferative leukemia virus oncogene
UniProt Protein Name	Thrombopoietin receptor
UniProt Gene Name	MPL
UniProt Synonym Gene Names	TPOR; TPO-R

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/monoclonal/mpl-antibody-clone-a10-h2-flow-cytometry-western-blot-elisa/312072>