

Datasheet for ABIN211285
anti-MPL antibody (AA 615-628)



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1 Image

Overview

Quantity:	200 µg
Target:	MPL
Binding Specificity:	AA 615-628
Reactivity:	Human, Mouse, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acids 615-628 of human TPO (thrombopoietin) receptor [C-ANHSYLPLSYWQQP] (KLH-conjugated). Species sequence Homology: Mouse - 100%. Percent identity by BLAST analysis: Human, Monkey, Mouse, Hamster (100%), Elephant, Rabbit (93%), Panda, Bovine, Pig (86%). Type of Immunogen: Synthetic peptide - KLH conjugated
Isotype:	IgG
Specificity:	Recognizes glycosylated and unglycosylated human TPO receptor/c-Mpl, Mr 70kD. Species cross-reactivity: mouse. Species sequence Homology: mouse - 100 % .
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Monkey, Mouse, Hamster (100%) Elephant, Rabbit (93%) Panda, Bovine, Pig (86%).

Product Details

Purification: Protein A purified

Target Details

Target: MPL

Alternative Name: CD110 / MPL ([MPL Products](#))

Background: Name/Gene ID: MPL

Synonyms: MPL, CD110 antigen, C-MPL, CD110, MPLV, Proto-oncogene c-Mpl, TPOR, TPO-R, THCYT2, Thrombopoietin receptor

Gene ID: 4352

UniProt: [P40238](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes: Approved: IHC, IP, WB (0.25 - 1 µg/mL)

Usage: Suitable for use in Western Blot, Immunohistochemistry and Immunoprecipitation.

Proteins were visualized using a goat anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence detection system. Immunohistochemistry: Stains megakaryocytes in bone marrow biopsy sections. Immunoprecipitation: 5 µg immunoprecipitates TPO receptor from 500 µg of DAMI RIPA lysate.

Not recommended for: IHC-P

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.1 M Tris-glycine, pH 7.4, 0.15 M sodium chloride, 0.05 % sodium azide, 30 % glycerol.

Preservative: Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

Images

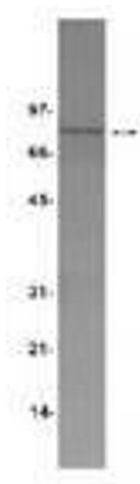


Image 1.