

Anti-C-MPL Antibody (1H828)

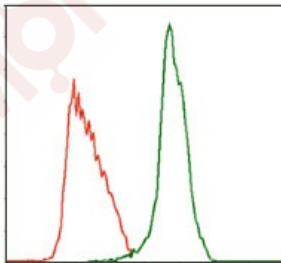
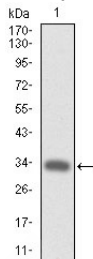
Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 71 kDa.
Clone:	1H828
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of MPL on human MPL recombinant protein using anti-MPL antibody at 1/1,000 dilution.
2. 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).



Application:	FCM,WB
Recommended	WB: 1:500-1000; FCM: 1:100-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: P40238
Synonyms: THCYT2;CD110;C-MPL;MPLV;TPOR;MPL proto-oncogene, thrombopoietin receptor

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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