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Anti-MPL / TPOR / CD110 Reference Antibody (TA136)

Recombinant Antibody
Catalog # APR10610

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P40238
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	71245

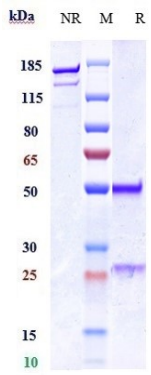
Additional Information

Target/Specificity	MPL / TPOR / CD110
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

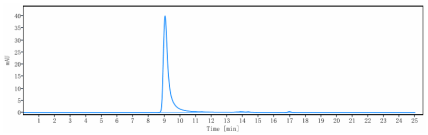
Protein Information

Name	MPL
Synonyms	TPOR
Function	Receptor for thrombopoietin that regulates hematopoietic stem cell renewal, megakaryocyte differentiation, and platelet formation. Upon activation by THPO, induces rapid tyrosine phosphorylation and activation of JAK2, providing docking sites for many signaling proteins such as STAT5, SHIP/INPP5D, GRB2, SOS1 and PI3K (PubMed:15899890, PubMed:37633268). In turn, These signaling cascades lead to the proliferation, survival, and differentiation of megakaryocytes, ultimately leading to increased platelet production.
Cellular Location	Cell membrane; Single-pass type I membrane protein. Golgi apparatus Cell surface
Tissue Location	Expressed at a low level in a large number of cells of hematopoietic origin. Isoform 1 and isoform 2 are always found to be coexpressed

Images



Anti-MPL / TPOR / CD110 Reference Antibody (TA136) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-MPL / TPOR / CD110 Reference Antibody (TA136) is more than 95%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.