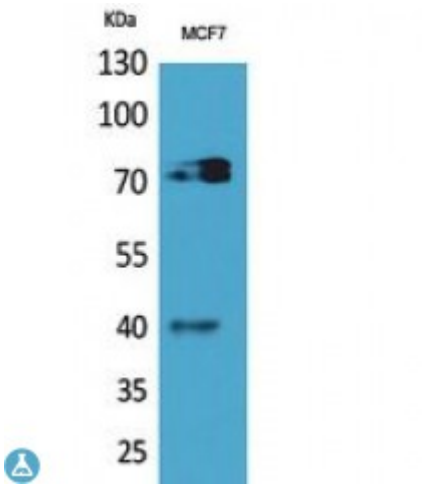
Anti-CD110 antibody



Description	Rabbit polyclonal to CD110.

Model	STJ96834
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CD110.
Immunogen Region	321-370 aa, Internal
Gene ID	4352
Gene Symbol	MPL
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:20000
Specificity	CD110 Polyclonal Antibody detects endogenous levels of CD110 protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Thrombopoietin receptor TPO-R Myeloproliferative leukemia protein Proto-oncogene c-Mpl CD antigen CD110
Molecular Weight	69/40 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7217OMIM:159530
Alternative Names	Thrombopoietin receptor TPO-R Myeloproliferative leukemia protein Proto-oncogene c-Mpl CD antigen CD110
Function	Receptor for thrombopoietin. May represent a regulatory molecule specific for TPO-R-dependent immune responses.
Sequence and Domain Family	The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.; The box 1 motif is required for JAK interaction and/or activation.
Cellular Localization	Cell membrane Cell surface
Post-translational Modifications	Ubiquitination at Lys-553 and Lys-573 targets MPL for degradation by both the lysosomal and proteasomal pathways. The E3 ubiquitin-protein ligase CBL significantly contributes to this ubiquitination.