

CD110 Rabbit Polyclonal Antibody

Catalog# UZ-PA02340

Product information

产品货号	UZ-PA02340
别名	MPL; TPOR; Thrombopoietin receptor; TPO-R; Myeloproliferative leukemia protein; P roto-oncogene c-Mpl; CD110
产品名称	CD110 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	MPL
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	4352
Human Swissprot No.	P40238
免疫原	Synthesized peptide derived from Thrombopoietin receptor at AA range: 321-370
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:20000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	69,40kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	In 1990 an oncogene, v-mpl, was identified from the murine myeloproliferative leu kemia virus that was capable of immortalizing bone marrow hematopoietic cells fro m different lineages. In 1992 the human homologue, named, c-mpl, was cloned. Sequ ence data revealed that c-mpl encoded a protein that was homologous with members of the hematopoietic receptor superfamily. Presence of anti-sense oligodeoxynuc leotides of c-mpl inhibited megakaryocyte colony formation. The ligand for c-mpl, thrombopoietin, was cloned in 1994. Thrombopoietin was shown to be the major reg ulator of megakaryocytopoiesis and platelet formation. The protein encoded by th e c-mpl gene, CD110, is a 635 amino acid transmembrane domain, with two extracell ular cytokine receptor domains and two intracellular cytokine receptor box motif s. TPO-R deficient mice were severely thrombocytopenic, emphasizing the importa nt
细胞定位	Cell membrane ; Single-pass type I membrane protein. Golgi apparatus . Cell surfa ce .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatogra phy using epitope-specific immunogen.
Clonality	Polyclonal