

Thrombopoietin Receptor Rabbit mAb
Catalog # AP76189**Specification**

Thrombopoietin Receptor Rabbit mAb - Product Information

Application	WB
Primary Accession	P40238
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	71245

Thrombopoietin Receptor Rabbit mAb - Additional Information**Gene ID** 4352**Other Names**
MPL**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Thrombopoietin Receptor Rabbit mAb - 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

Thrombopoietin Receptor Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Thrombopoietin Receptor Rabbit mAb - Images

