

Anti-TPOR Rabbit Monoclonal Antibody
Catalog # ABO15238**Specification**

Anti-TPOR Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P40238
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-TPOR Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-TPOR Rabbit Monoclonal Antibody - Additional Information

Gene ID 4352

Other Names

Thrombopoietin receptor, TPO-R, Myeloproliferative leukemia protein, Proto-oncogene c-Mpl, CD110, MPL, TPOR

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human TPOR

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-TPOR Rabbit Monoclonal Antibody - 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

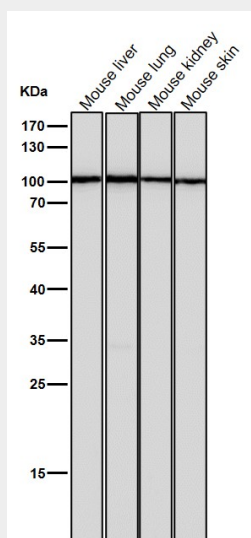
Tissue Location

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

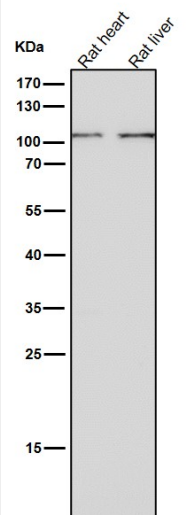
Anti-TPOR Rabbit Monoclonal Antibody - Protocols

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

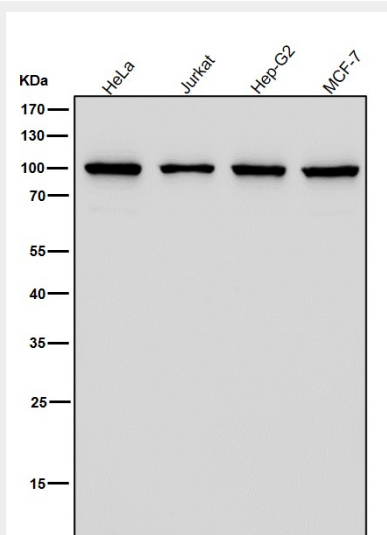
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TPOR Rabbit Monoclonal Antibody - Images

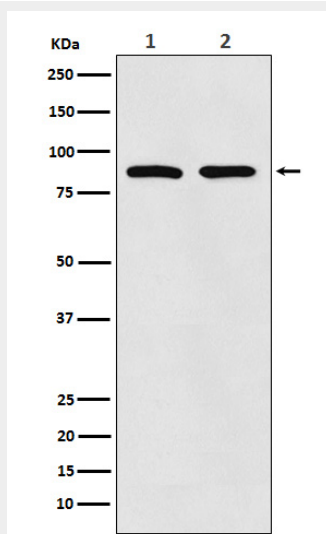
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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Western blot analysis of TPOR expression in (1) A431 cell lysate; (2) NIH/3T3 cell lysate.