

For Research Use Only

TPOR/MPL Polyclonal antibody, PBS Only

Catalog Number: 24760-1-PBS



Basic Information

Catalog Number: 24760-1-PBS	GenBank Accession Number: BC153092	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 4352	
Isotype: IgG	UNIPROT ID: P40238	
Immunogen Catalog Number: AG19035	Full Name: myeloproliferative leukemia virus oncogene	
	Calculated MW: 635 aa, 71 kDa	
	Observed MW: 84 kDa, 74 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

The TPOR/MPL protein (thrombopoietin receptor, also known as myeloproliferative leukemia protein) is a type I transmembrane receptor of the hematopoietic growth factor receptor family. It primarily serves as the specific receptor for thrombopoietin (TPO) and regulates hematopoietic stem cell self-renewal, megakaryocyte differentiation, and platelet production by activating multiple downstream signaling pathways including JAK/STAT, PI3K/AKT, and MAPK, thereby playing a central role in maintaining normal hematopoietic homeostasis in the body.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

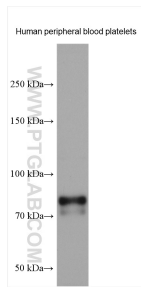
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 24760-1-AP (TPOR/MPL antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24760-1-PBS in a different storage buffer formulation.