

For Research Use Only

# Thrombopoietin Recombinant antibody

Catalog Number: 83549-7-RR



## Basic Information

Catalog Number:	83549-7-RR	GenBank Accession Number:	NM_001173505.1	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	21832	CloneNo.:	250023B3
Source:	Rabbit	UNIPROT ID:	P40226	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	thrombopoietin		
Immunogen Catalog Number:	EG0678	Calculated MW:	38KD		
		Observed MW:	38 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human, mouse, rat	WB: mouse liver tissue, HepG2 cells, HuH-7 cells, L02 cells, rat liver tissue

## Background Information

Thrombopoietin (TPO) is a primary regulator of megakaryocyte development and platelet production in mammals. Human TPO constitutively circulates and maintains thrombopoiesis through interaction with its cognate receptor, myeloproliferative leukemia protein(MPL). TPO also plays an important role in the maintenance and regulation of hematopoietic stem cells (HSCs).

## Storage

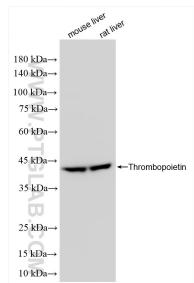
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 83549-7-RR (Thrombopoietin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.