

For Research Use Only

Thrombopoietin Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 85767-9-PBS



Basic Information

Catalog Number: 85767-9-PBS	GenBank Accession Number: GeneID (NCBI): 7066	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	UNIPROT ID: P40225	CloneNo.: 252811F4
Source: Rabbit	Full Name: thrombopoietin	
Isotype: IgG		
Immunogen Catalog Number: HZ-1248		

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

85767-9-PBS targets Thrombopoietin as part of a matched antibody pair:

MP02082-4: 85767-9-PBS capture and 85767-8-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

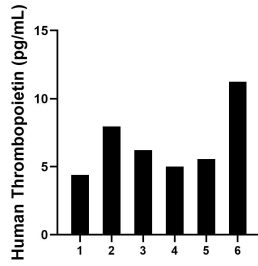
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

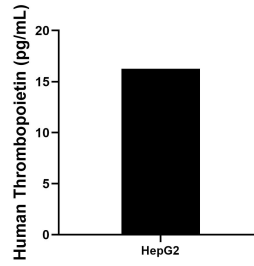
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

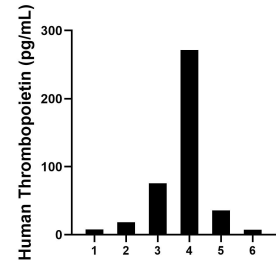
Selected Validation Data



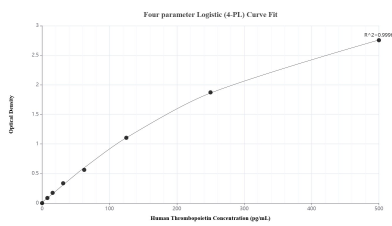
Plasma of six individual healthy human donors was measured. The Thrombopoietin concentration of detected samples was determined to be 6.7 pg/mL with a range of 4.4-11.2 pg/mL.



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human Thrombopoietin, and measured 16.3 pg/mL.



Serum of six individual healthy human donors was measured. The Thrombopoietin concentration of detected samples was determined to be 69.4 pg/mL with a range of 7.4-271.5 pg/mL.



Sandwich ELISA standard curve of MP02082-4, Human Thrombopoietin Recombinant Matched Antibody Pair - PBS only. 85767-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1248. 85767-8-PBS was HRP conjugated as the detection antibody. Range: 7.81-500 pg/mL.