

For Research Use Only

Osteoprotegerin/TNFRSF11B Recombinant antibody, PBS Only (Capture)

Catalog Number: 83737-5-PBS



Basic Information

Catalog Number: 83737-5-PBS	GenBank Accession Number: NM_002546.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4982	CloneNo.: 240671D12
Source: Rabbit	UNIPROT ID: O00300	
Isotype: IgG	Full Name: tumor necrosis factor receptor superfamily, member 11b	
	Calculated MW: 46kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83737-5-PBS targets Osteoprotegerin/TNFRSF11B as part of a matched antibody pair:

MP00725-3: 83737-5-PBS capture and 83737-2-PBS detection (validated in Cytometric bead array)

MP00725-4: 83737-5-PBS capture and 83737-3-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.

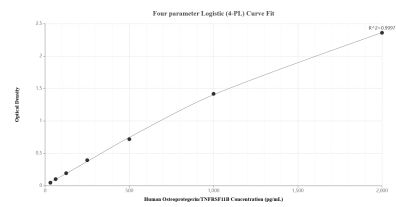
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

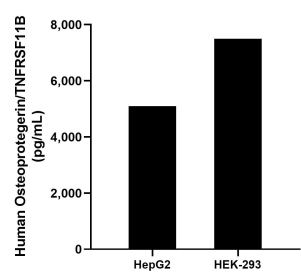
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

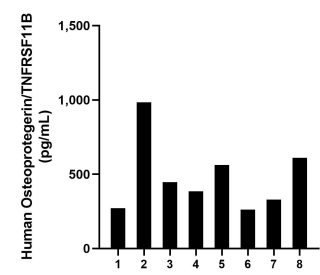
Selected Validation Data



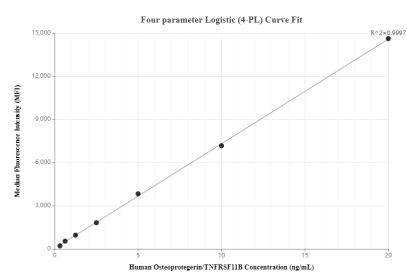
Sandwich ELISA standard curve of MP00725-4, Human Osteoprotegerin/TNFRSF11B Recombinant Matched Antibody Pair - PBS only. 83737-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0976. 83737-3-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



The mean Osteoprotegerin/TNFRSF11B concentration was determined to be 5,099.7 pg/mL in HepG2 cell extract based on a 2.0 mg/mL extract load and 7,496.0 pg/mL in HEK-293 cell extract based on a 1.5 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The Osteoprotegerin/TNFRSF11B concentration of detected samples was determined to be 481.2 pg/mL with a range of 262.2-984.8 pg/mL.



Cytometric bead array standard curve of MP00725-3, Osteoprotegerin/TNFRSF11B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83737-5-PBS. Detection antibody: 83737-2-PBS. Standard: Eg0976. Range: 0.313-20 ng/mL