

Osteoprotegerin/TNFRSF11B

Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00725-4**

Capture Antibody Information

Catalog Number:
83737-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240671D12

Reactivity:
human

Conjugate:
Unconjugated

Full name:
tumor necrosis factor receptor
superfamily, member 11b

Gene ID:
4982

Detection Antibody Information

Catalog Number:
83737-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240671D1

Reactivity:
human

GenBank:
NM_002546.4

Conjugate:
Unconjugated

Full name:
tumor necrosis factor receptor
superfamily, member 11b

Gene ID:
4982

Applications

Tested Applications:
Sandwich ELISA

Range:
31.3-2000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP00725-4 targets Osteoprotegerin/TNFRSF11B in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Osteoprotegerin/TNFRSF11B Recombinant antibody, PBS Only (Capture) 83737-5-PBS (240671D12). 100 µg. Concentration 1 mg/mL.

Detection antibody: Osteoprotegerin/TNFRSF11B Recombinant antibody, PBS Only (Capture/Detector) 83737-3-PBS (240671D1). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.

Storage buffer:
PBS only

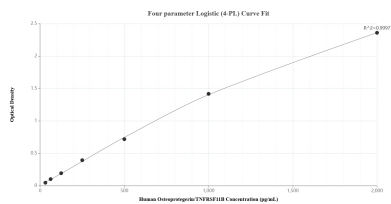
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

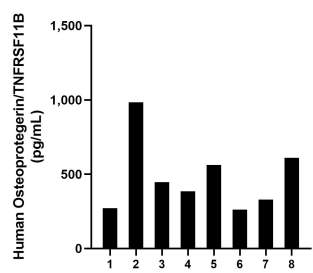
E: proteintech@ptglab.com
W: ptglab.com

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

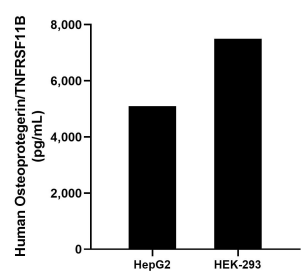
Selected Validation Data



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



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



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.