

For Research Use Only

TREM2 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83438-7-PBS

Basic Information

Catalog Number: 83438-7-PBS	GenBank Accession Number: BC032362	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 54209	CloneNo.: 240384F6
Source: Rabbit	UNIPROT ID: Q9NZC2	
Isotype: IgG	Full Name: triggering receptor expressed on myeloid cells 2	
	Calculated MW: 222 aa, 25 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Background Information

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

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

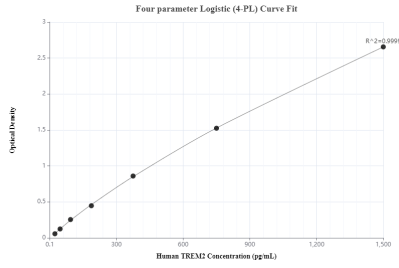
T: 4006900926

E: Proteintech-CN@ptglab.com

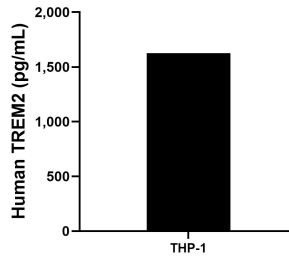
W: ptgcn.com

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

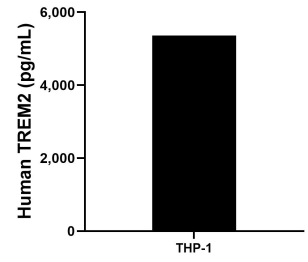
Selected Validation Data



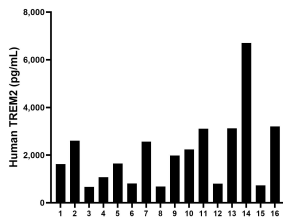
Sandwich ELISA standard curve of MP00440-4, Human TREM2 Monoclonal Matched Antibody Pair - PBS only. 83438-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0747. 83438-7-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL



THP-1 cells (3×10^6 cells/mL) were cultured in RPMI with 10% fetal bovine serum, $50 \mu\text{M}$ β -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100 $\mu\text{g/mL}$ streptomycin sulfate. Aliquots of the cell culture supernatants were removed and assayed for levels of human TREM2 and measured 1,626.6 pg/mL.



The mean human TREM2 concentration was determined to be 5,362.2 pg/mL in THP-1 cell extract based on a 3.0 mg/mL extract load.



Serum of sixteen individual healthy human donors were measured. The human TREM2 concentration of detected samples was determined to be 2,096.2 pg/mL with a range of 661.9-6,705.0 pg/mL.