

For Research Use Only

TREM-1/CD354 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84071-3-PBS



Basic Information

Catalog Number: 84071-3-PBS	GenBank Accession Number: NM_018643.5	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54210	CloneNo.: 241279D7
Source: Rabbit	UNIPROT ID: Q9NP99-1	
Isotype: IgG	Full Name: triggering receptor expressed on myeloid cells 1	
	Calculated MW: 26kDa	

Applications

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

Species Specificity:
human

Product Information

84071-3-PBS targets TREM-1/CD354 as part of a matched antibody pair:

MP00988-1: 84071-3-PBS capture and 84071-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00988-2: 84071-3-PBS capture and 84071-4-PBS detection (validated in Cytometric bead array)

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

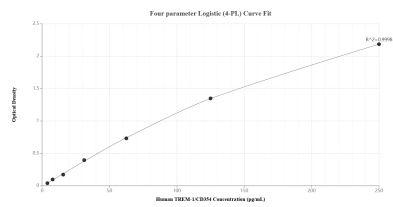
Storage:
Store at -80°C.

Storage Buffer:
PBS only

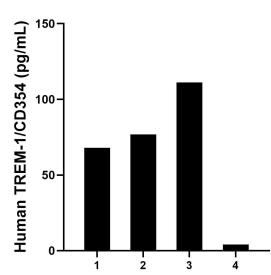
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

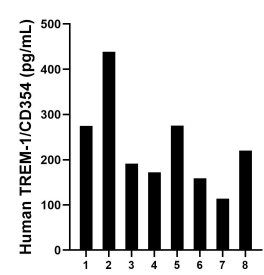
Selected Validation Data



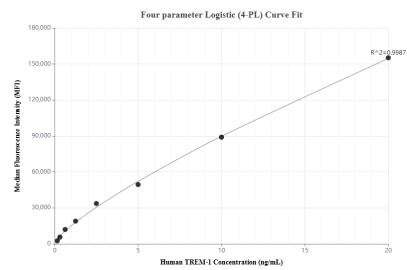
Sandwich ELISA standard curve of MP00988-1, Human TREM-1/CD354 Recombinant Matched Antibody Pair - PBS only. 84071-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1438. 84071-2-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 pg/mL



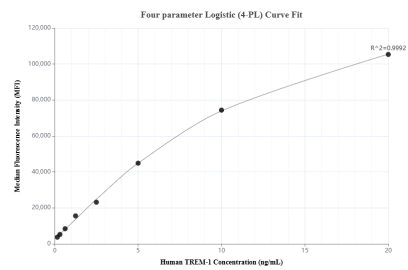
Saliva of four individual healthy human donors was measured. The TREM-1/CD354 concentration of detected samples was determined to be 65.0 pg/mL with a range of 4.0-111.2 pg/mL



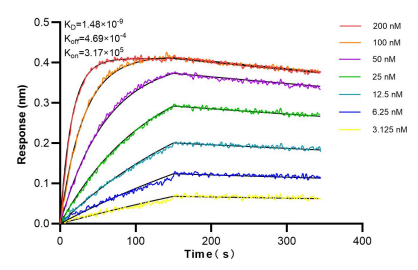
Serum of eight individual healthy human donors was measured. The TREM-1/CD354 concentration of detected samples was determined to be 230.6 pg/mL with a range of 113.8-438.7 pg/mL



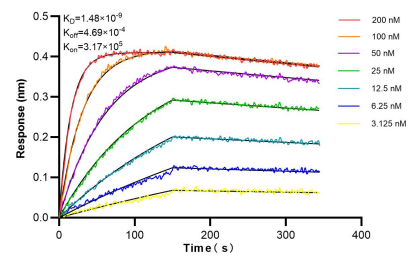
Cytometric bead array standard curve of MP00988-1, TREM-1/CD354 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84071-3-PBS. Detection antibody: 84071-2-PBS. Standard: Eg1438. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP00988-2, TREM-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84071-3-PBS. Detection antibody: 84071-4-PBS. Standard: Eg1438. Range: 0.156-20 ng/mL



Bilayer interferometry (BLI) kinetic assays of 84071-3-PBS against Human TREM-1/CD354 were performed. The affinity constant is 1.48 nM.



Bilayer interferometry (BLI) kinetic assays of 84071-3-RR against Human TREM-1/CD354 were performed. The affinity constant is 1.48 nM.