

For Research Use Only

TRAF2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84581-1-PBS



Basic Information

Catalog Number: 84581-1-PBS	GenBank Accession Number: BC032410	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7186	CloneNo.: 241899E6
Source: Rabbit	UNIPROT ID: Q12933	
Isotype: IgG	Full Name: TNF receptor-associated factor 2	
Immunogen Catalog Number: AG25387	Calculated MW: 56 kDa	

Applications

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

Species Specificity:
human

Product Information

84581-1-PBS targets TRAF2 as part of a matched antibody pair:

MP01404-1: 84581-2-PBS capture and 84581-1-PBS detection (validated in Cytometric bead array)

MP01404-2: 84581-3-PBS capture and 84581-1-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

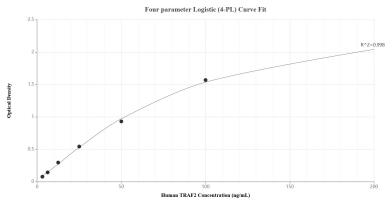
For technical support and original validation data for this product please contact:

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

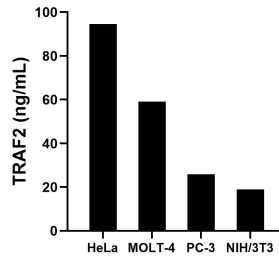
E: proteintech@ptglab.com
W: ptglab.com

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

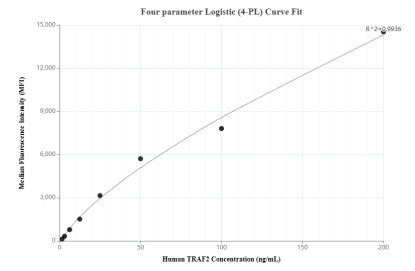
Selected Validation Data



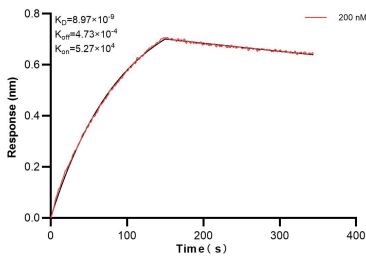
Sandwich ELISA standard curve of MP01404-2, Human TRAF2 Recombinant Matched Antibody Pair - PBS only. 84581-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag25387. 84581-1-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL.



The mean TRAF2 concentration was determined to be 94.50 ng/mL in HeLa cell extract based on a 1.50 mg/mL extract load, 59.04 ng/mL in MOLT-4 cell extract based on a 1.20 mg/mL extract load, 25.97 ng/mL in PC-3 cell extract based on a 2.00 mg/mL extract load and 18.85 ng/mL in NIH/3T3 cell extract based on a 1.50 mg/mL extract load.



Cytometric bead array standard curve of MP01404-1, TRAF2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84581-2-PBS. Detection antibody: 84581-1-PBS. Standard: Ag25387. Range: 1.563-200 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 84581-1-PBS against Human TRAF2 was performed. The affinity constant is 8.97 nM.