

For Research Use Only

TRAF3IP1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87599-1-PBS



Basic Information

Catalog Number: 87599-1-PBS	GenBank Accession Number: BC059174	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 26146	CloneNo.: 252996E11
Source: Rabbit	UNIPROT ID: Q8TDRO	
Isotype: IgG	Full Name: TNF receptor-associated factor 3 interacting protein 1	
Immunogen Catalog Number: AG5677	Calculated MW: 79 kDa	
	Observed MW: 83 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Product Information

87599-1-PBS targets TRAF3IP1 as part of a matched antibody pair:

MP03099-1: 87599-1-PBS capture and 87599-2-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.

Background Information

TRAF3IP1, also known as MIPT3, was initially characterized through its interactions with tubulin, actin, TNFR-associated factor-3 (Traf3), IL-13R1, and DISC1. It functions as an inhibitor of IL-13-mediated phosphorylation of Stat6 and in sequestration of Traf3 and DISC1 to the cytoskeleton.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

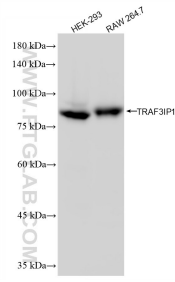
For technical support and original validation data for this product please contact:

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

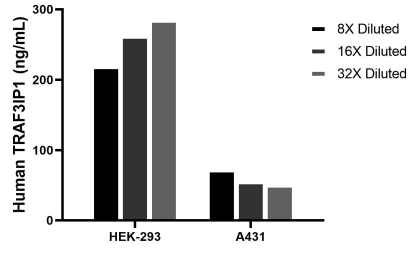
E: proteintech@ptglab.com
W: ptglab.com

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

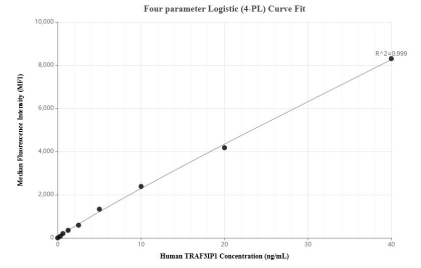
Selected Validation Data



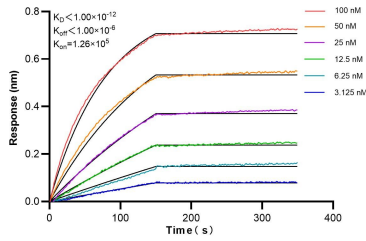
Various lysates were subjected to SDS PAGE followed by western blot with 87599-1-RR (TRAF3IP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87599-1-PBS in a different storage buffer formulation.



The mean TRAF3IP1 concentration was determined to be 240.2 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 59.0 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03099-1, TRAF3IP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87599-1-PBS. Detection antibody: 87599-2-PBS. Standard: Ag5677. Range: 0.312-40 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 87599-1-RR against Human TRAF3IP1 were performed. The affinity constant is below 1 pM.