

TRNP1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83410-3-PBS

Basic Information

Catalog Number: 83410-3-PBS	GenBank Accession Number: BC069216	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 388610	CloneNo.: 240331C6
Source: Rabbit	UNIPROT ID: Q6NT89	
Isotype: IgG	Full Name: TMF1-regulated nuclear protein 1	
Immunogen Catalog Number: AG22504	Calculated MW: 227 aa, 23 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human, rat

Product Information

83410-3-PBS targets TRNP1 as part of a matched antibody pair:

MP00432-1: 83410-3-PBS capture and 83410-2-PBS detection (validated in Cytometric bead array)

MP00432-3: 83410-3-PBS capture and 83410-1-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.

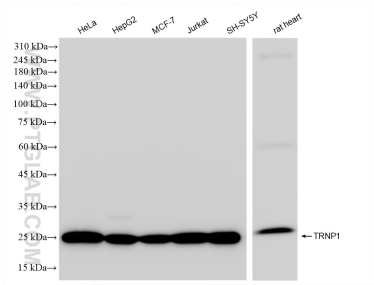
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

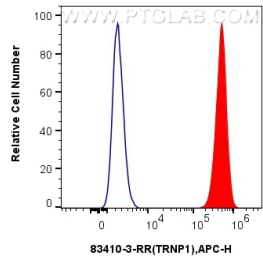
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

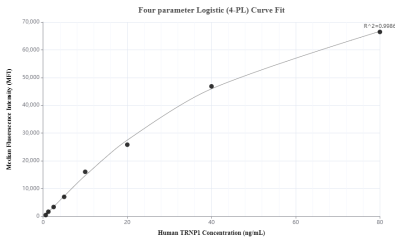
Selected Validation Data



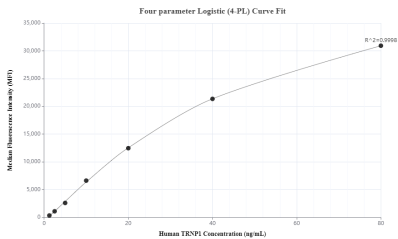
Various lysates were subjected to SDS PAGE followed by western blot with 83410-3-RR (TRNP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83410-3-PBS in a different storage buffer formulation.



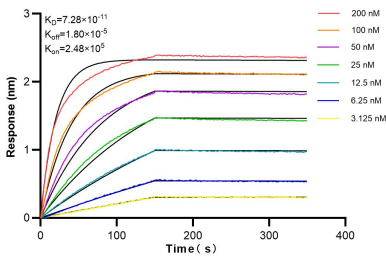
1x10⁶ HeLa cells were intracellularly stained with 0.25 ug TRNP1 Recombinant antibody (83410-3-RR, Clone:240331C6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83410-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00432-1, TRNP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83410-3-PBS. Detection antibody: 83410-2-PBS. Standard: Ag22504. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP00432-3, TRNP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83410-3-PBS. Detection antibody: 83410-1-PBS. Standard: Ag22504. Range: 1.25-80 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83410-3-RR against Human TRNP1 were performed. The affinity constant is 72.8 pM.