

For Research Use Only

UNC93B1 Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number: 88417-1-PBS



Basic Information

Catalog Number: 88417-1-PBS	GenBank Accession Number: BC101568	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 81622	CloneNo.: 260829D11
Source: Rabbit	UNIPROT ID: Q9H1C4	
Isotype: IgG	Full Name: unc-93 homolog B1 (C. elegans)	
Immunogen Catalog Number: AG27937	Calculated MW: 597 aa, 67 kDa	

Applications

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

Species Specificity:
human

Product Information

88417-1-PBS targets UNC93B1 as part of a matched antibody pair:

MP03543-1: 88417-2-PBS capture and 88417-1-PBS detection (validated in Cytometric bead array)

MP03543-2: 88417-1-PBS capture and 88417-3-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

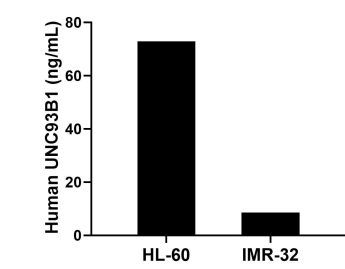
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

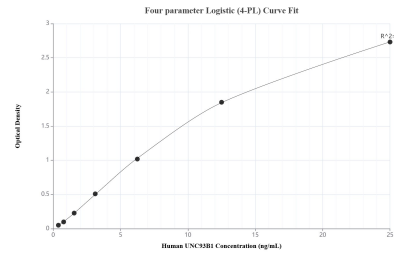
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

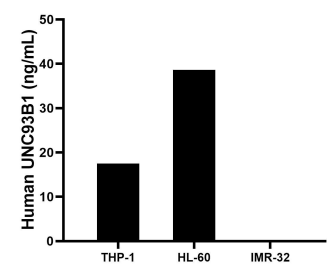
Selected Validation Data



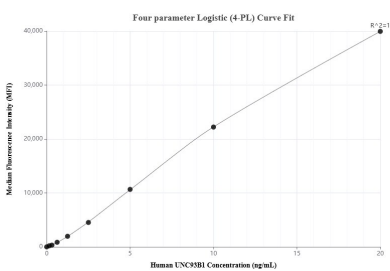
The mean UNC93B1 concentration was determined to be 72.87 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 8.59 ng/mL in IMR-32 cell extract based on a 1.70 mg/mL extract load.



Sandwich ELISA standard curve of MP03543-2, Human UNC93B1 Recombinant Matched Antibody Pair - PBS only. 88417-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag27937. 88417-3-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean UNC93B1 concentration was determined to be 17.5 ng/mL in THP-1 cell extract based on a 1.0 mg/mL extract load, 38.6 ng/mL in HL-60 cell extract based on a 1.0 mg/mL extract load, IMR-32 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03543-1, UNC93B1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88417-2-PBS. Detection antibody: 88417-1-PBS. Standard: Ag27937. Range: 0.156-20 ng/mL