

For Research Use Only

ARPC1B Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87393-3-PBS



Basic Information

Catalog Number: 87393-3-PBS	GenBank Accession Number: BC007555	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10095	CloneNo.: 252807E4
Source: Rabbit	UNIPROT ID: O15143	
IsoType: IgG	Full Name: actin related protein 2/3 complex, subunit 1B, 41kDa	
Immunogen Catalog Number: AG29001	Calculated MW: 41 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87393-3-PBS targets ARPC1B as part of a matched antibody pair:

MP02990-1: 87393-1-PBS capture and 87393-3-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, 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)

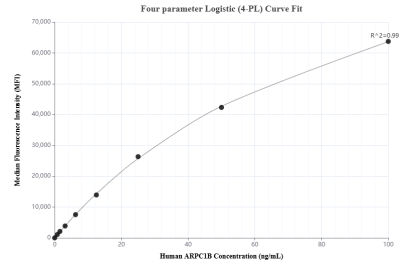
E: proteintech@ptglab.com
W: ptglab.com

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

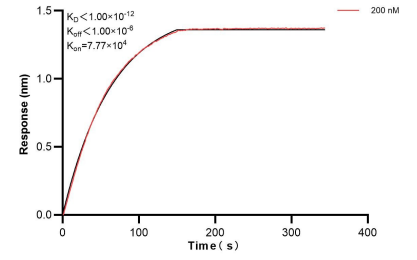
Selected Validation Data



The mean ARPC1B concentration was determined to be 133.6 ng/mL in Mouse spleen tissue extract based on a 6.4 mg/mL extract load, Mouse skeletal muscle tissue extract were served as a negative control.



Cytometric bead array standard curve of MP02990-1, ARPC1B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87393-1-PBS. Detection antibody: 87393-3-PBS. Standard: Ag29001. Range: 0.781-100 ng/mL



Bi-layer interferometry (BLI) kinetic assay of 87393-3-PBS against Human ARPC1B was performed. The affinity constant is below 1 pM.