

For Research Use Only

PIP4K2B Recombinant antibody, PBS Only (Detector)

Catalog Number:83647-1-PBS



Basic Information

Catalog Number: 83647-1-PBS	GenBank Accession Number: BC027459	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8396	CloneNo.: 240645A11
Source: Rabbit	UNIPROT ID: P78356	
Isotype: IgG	Full Name: phosphatidylinositol-5-phosphate 4-kinase, type II, beta	
Immunogen Catalog Number: AG4099	Calculated MW: 416 aa, 47 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83647-1-PBS targets PIP4K2B as part of a matched antibody pair:

MP00615-1: 83647-2-PBS capture and 83647-1-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

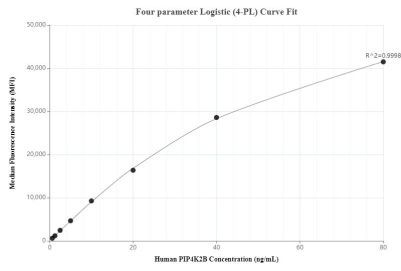
For technical support and original validation data for this product please contact:

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

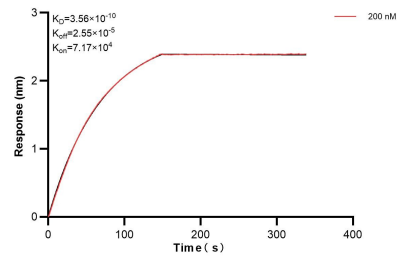
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00615-1, PIP4K2B Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83647-2-PBS. Detection antibody: 83647-1-PBS. Standard: Ag4099. Range: 0.625-80 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83647-1-PBS against Human PIP4K2B was performed. The affinity constant is 0.356 nM.