

For Research Use Only

PI4K2A Recombinant antibody, PBS Only (Capture)

Catalog Number: 85448-1-PBS



Basic Information

Catalog Number: 85448-1-PBS	GenBank Accession Number: BC003167	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55361	CloneNo.: 242992A10
Source: Rabbit	UNIPROT ID: Q9BTU6	
Isotype: IgG	Full Name: phosphatidylinositol 4-kinase type 2 alpha	
Immunogen Catalog Number: AG7564	Calculated MW: 54 kDa	
	Observed MW: 48-52 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

85448-1-PBS targets PI4K2A as part of a matched antibody pair:

MP01939-1: 85448-1-PBS capture and 85448-2-PBS detection (validated in Cytometric bead array)

MP01939-2: 85448-1-PBS capture and 85448-3-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.

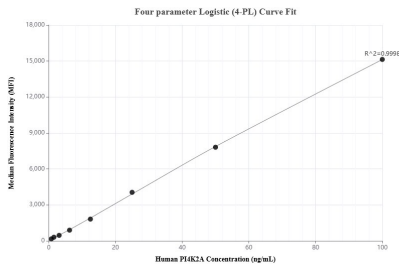
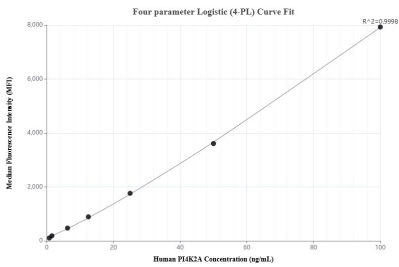
Storage Buffer:
PBS only, pH7.3

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.

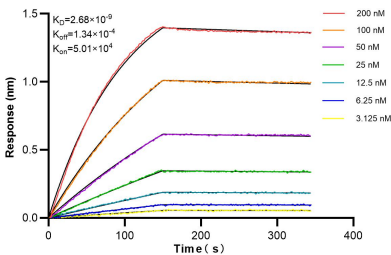
Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 85448-1-RR (PI4K2A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85448-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01939-2, PI4K2A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85448-1-PBS. Detection antibody: 85448-3-PBS. Standard: Ag7564. Range: 0.781-100 ng/mL.

Cytometric bead array standard curve of MP01939-1, PI4K2A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85448-1-PBS. Detection antibody: 85448-2-PBS. Standard: Ag7564. Range: 0.781-100 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 85448-1-RR against Human PI4K2A were performed. The affinity constant is 2.68 nM.