For Research Use Only

PI4KA Monoclonal antibody, PBS Only (Capture)

Catalog Number:68570-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
68570-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG17168

GenBank Accession Number:
BC018120

GeneID (NCBI):
5297

UNIPROT ID:
P42356

Full Name:
phosphatidylinositol 4-kinase, catalytic, alpha

Calculated MW:
2044 aa, 231 kDa

Purification Method:
Protein G purification

CloneNo.:
2A2B4

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

68570-2-PBS targets PI4KA as part of a matched antibody pair:

MP51400-1: 68570-2-PBS capture and 68570-3-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.

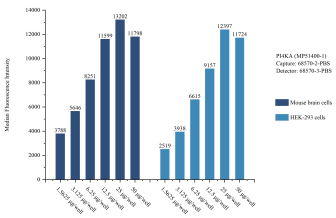
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

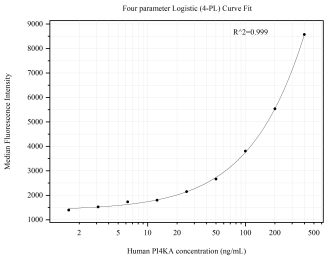
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

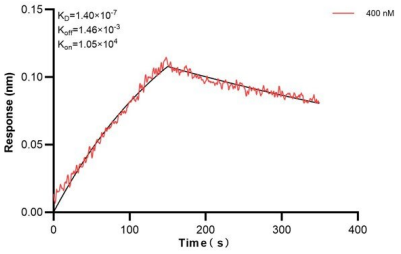
Selected Validation Data



Sample test of MP51400-1, PI4KA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68570-2-PBS. Detection antibody: 68570-3-PBS.



Cytometric bead array standard curve of MP51400-1, PI4KA Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68570-2-PBS. Detection antibody: 68570-3-PBS. Standard:Ag17168. Range: 1.563-400 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 68570-2-Ig against Human PI4KA were performed. The affinity constant is 140 nM.