For Research Use Only

Mouse Atp1b1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number:85916-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
85916-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3007

GenBank Accession Number:
NM_009721.6

GeneID (NCBI):
11931

UNIPROT ID:
P14094

Full Name:
ATPase, Na+/K+ transporting, beta 1 polypeptide

Calculated MW:
35 kDa

Purification Method:
Protein A purification

CloneNo.:
243093E4

Applications

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

Species Specificity:
mouse

Product Information

85916-2-PBS targets Atp1b1 as part of a matched antibody pair:

MP02193-2: 85916-1-PBS capture and 85916-2-PBS detection (validated in Cytometric bead array)

MP02193-3: 85916-2-PBS capture and 85916-1-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.

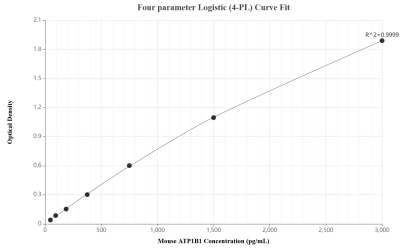
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

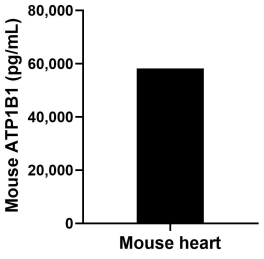
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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

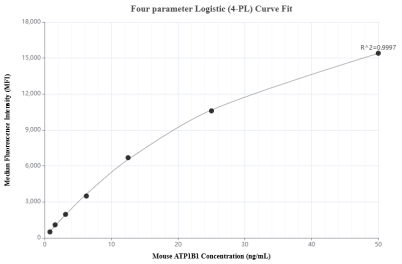
Selected Validation Data



Sandwich ELISA standard curve of MP02193-3, Mouse ATP1B1 Recombinant Matched Antibody Pair - PBS only. 85916-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3007. 85916-1-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL.



The mean ATP1B1 concentration was determined to be 58,169.6 pg/mL in mouse heart extract based on a 6.9 mg/mL extract load.



Cytometric bead array standard curve of MP02193-2, MOUSE ATP1B1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85916-1-PBS. Detection antibody: 85916-2-PBS. Standard: Eg3007. Range: 0.781-50 ng/mL.