

For Research Use Only

ATP13A1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86762-2-PBS



Basic Information

Catalog Number: 86762-2-PBS	GenBank Accession Number: BC009302	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57130	CloneNo.: 251765A2
Source: Rabbit	UNIPROT ID: Q9HD20	
Isotype: IgG	Full Name: ATPase type 13A1	
Immunogen Catalog Number: AG9174	Calculated MW: 976 aa, 109 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

86762-2-PBS targets ATP13A1 as part of a matched antibody pair:

MP02655-1: 86762-2-PBS capture and 86762-1-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.

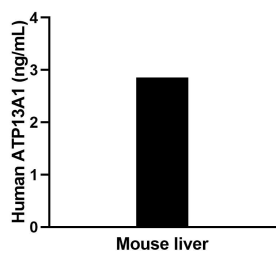
Storage

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

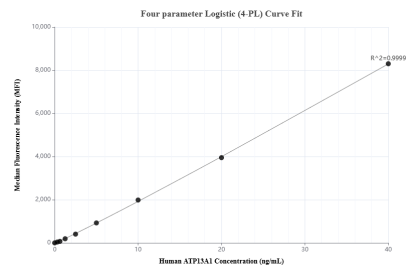
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

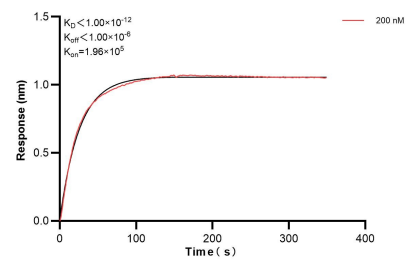
Selected Validation Data



The mean ATP13A1 concentration was determined to be 2.9 ng/mL in mouse liver tissue extract based on a 8.4 mg/mL extract load.



Cytometric bead array standard curve of MP02655-1, ATP13A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86762-2-PBS. Detection antibody: 86762-1-PBS. Standard: Ag9174. Range: 0.312-40 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 86762-1-PBS against Human ATP13A1 was performed. The affinity constant is below 1 pM.