

For Research Use Only

ATP6V1B2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87302-1-PBS



Basic Information

Catalog Number: 87302-1-PBS	GenBank Accession Number: BC003100	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 526	CloneNo.: 252572F7
Source: Rabbit	UNIPROT ID: P21281	
Isotype: IgG	Full Name: ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B2	
Immunogen Catalog Number: AG7174	Calculated MW: 57 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87302-1-PBS targets ATP6V1B2 as part of a matched antibody pair:

MP02956-1: 87302-2-PBS capture and 87302-1-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

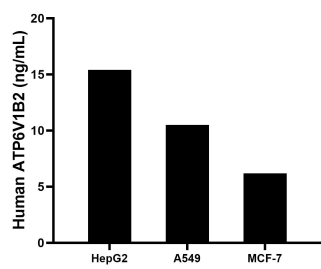
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

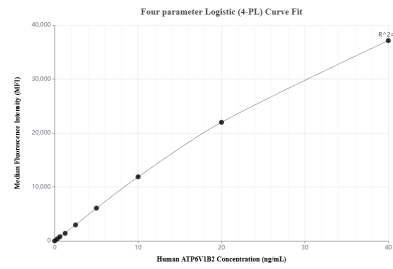
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean ATP6V1B2 concentration was determined to be 15.4 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 10.5 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load, 6.2 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02956-1, ATP6V1B2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87302-2-PBS. Detection antibody: 87302-1-PBS. Standard: Ag7174. Range: 0.312-40 ng/mL