

For Research Use Only

ATP1A1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83191-4-PBS



Basic Information

Catalog Number: 83191-4-PBS	GenBank Accession Number: BC050359	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 476	CloneNo.: 240160F9
Source: Rabbit	ENSEMBL Gene ID: ENSG00000163399	
Isotype: IgG	UNIPROT ID: P05023	
Immunogen Catalog Number: AG5763	Full Name: ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	
	Calculated MW: 113 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83191-4-PBS targets ATP1A1 as part of a matched antibody pair:

MP00275-1: 83191-1-PBS capture and 83191-4-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

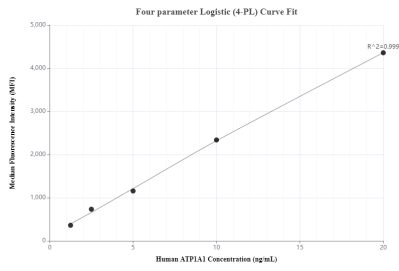
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

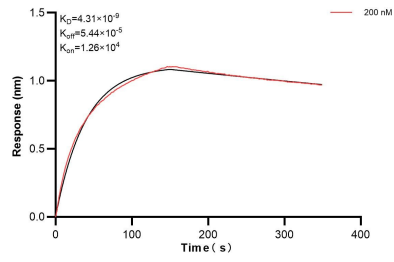
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00275-1, ATP1A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83191-1-PBS. Detection antibody: 83191-4-PBS. Standard: Ag5763. Range: 1.25-20 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83191-4-PBS against Human ATP1A1 was performed. The affinity constant is 4.31 nM.