

For Research Use Only

ATP2A1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84213-1-PBS



Basic Information

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| Catalog Number: 84213-1-PBS | GenBank Accession Number: BC037354 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 487 | CloneNo.: 241500A3 |
| Source: Rabbit | UNIPROT ID: O14983 | |
| Isotype: IgG | Full Name: ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1 | |
| Immunogen Catalog Number: AG17944 | Calculated MW: 1001 aa, 110 kDa | |

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

84213-1-PBS targets ATP2A1 as part of a matched antibody pair:

MP01147-1: 84213-1-PBS capture and 84213-2-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

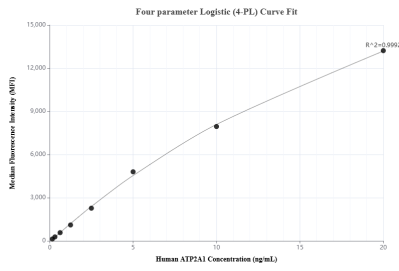
For technical support and original validation data for this product please contact:

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

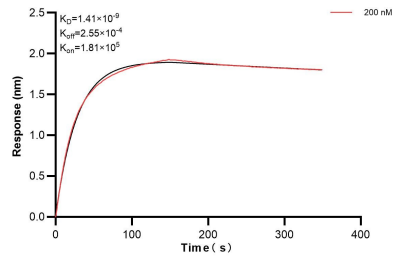
E: proteintech@ptglab.com
W: ptglab.com

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 MP01147-1, ATP2A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84213-1-PBS. Detection antibody: 84213-2-PBS. Standard: Ag17944. Range: 0.156-20 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 84213-1-PBS against Human ATP2A1 was performed. The affinity constant is 1.41 nM.