

For Research Use Only

ATPGD1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 88342-2-PBS



Basic Information

Catalog Number: 88342-2-PBS	GenBank Accession Number: BC036557	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57571	CloneNo.: 260860A4
Source: Rabbit	UNIPROT ID: A5YM72	
Isotype: IgG	Full Name: ATP-grasp domain containing 1	
Immunogen Catalog Number: AG22761	Calculated MW: 827 aa, 88 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

88342-2-PBS targets ATPGD1 as part of a matched antibody pair:

MP03490-1: 88342-1-PBS capture and 88342-2-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, pH7.3

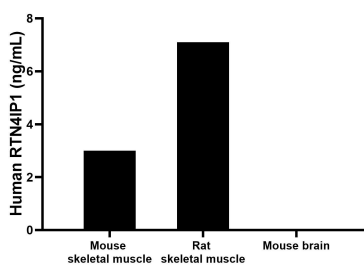
For technical support and original validation data for this product please contact:

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

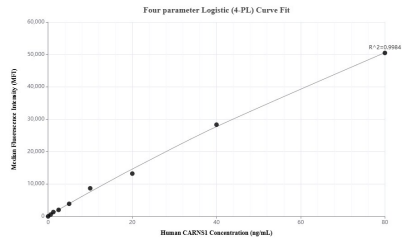
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean CARN51 concentration was determined to be 3.0 ng/mL in mouse skeletal muscle tissue extract based on a 1.0 mg/mL extract load, 7.1 ng/mL in rat skeletal muscle tissue extract based on a 1.0 mg/mL extract load, mouse brain tissue extract were served as a negative control.



Cytometric bead array standard curve of MP03490-1, CARN51 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88342-1-PBS. Detection antibody: 88342-2-PBS. Standard: Ag22761. Range: 0.625-80 ng/mL.