

For Research Use Only

RAB3D Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87655-2-PBS



Basic Information

Catalog Number: 87655-2-PBS	GenBank Accession Number: NM_004283.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9545	CloneNo.: 253078A7
Source: Rabbit	UNIPROT ID: O95716	
Isotype: IgG	Full Name: RAB3D, member RAS oncogene family	
Immunogen Catalog Number: EG5570	Calculated MW: 24 kDa	
	Observed MW: 24-27 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87655-2-PBS targets RAB3D as part of a matched antibody pair:

MP03138-1: 87655-2-PBS capture and 87655-3-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.

Background Information

Rab3D is a member of the Rab3 subfamily, which comprises four isoforms (Rab3A, Rab3B, Rab3C, and Rab3D). Rab3 proteins typically associate with secretory vesicles, including synaptic vesicles, and have been implicated in the control of regulated exocytosis. Rab3D is widely expressed in adipocytes, exocrine glands and several haematopoietic cells, where it localizes to secretory granules and vesicles.

Storage

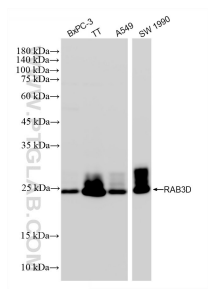
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

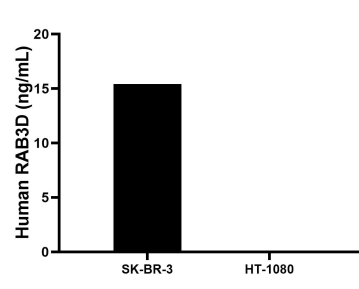
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

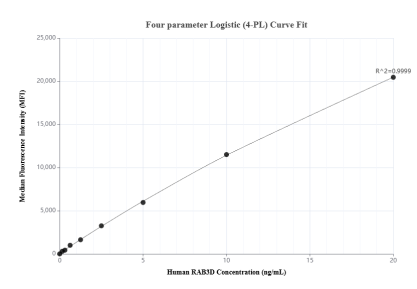
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87655-2-RR (RAB3D antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87655-2-PBS in a different storage buffer formulation.



The mean RAB3D concentration was determined to be 15.4 ng/mL in SK-BR-3 cell extract based on a 1.5 mg/mL extract load, HT-1080 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03138-1, RAB3D Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87655-2-PBS. Detection antibody: 87655-3-PBS. Standard: Eg5570. Range: 0.156-20 ng/mL.