

For Research Use Only

# GOLGA5 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 83839-4-PBS



## Basic Information

Catalog Number:	83839-4-PBS	GenBank Accession Number:	BC023021	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	9950	CloneNo.:	240893H2
Source:	Rabbit	UNIPROT ID:	Q8TBA6		
Isotype:	IgG	Full Name:	golgi autoantigen, golgin subfamily a, 5		
Immunogen Catalog Number:	AG35031	Calculated MW:	83 kDa		

## Applications

Tested Applications:  
Cytometric bead array, Indirect ELISA

Species Specificity:  
human

## Product Information

83839-4-PBS targets GOLGA5 as part of a matched antibody pair:

MP00813-2: 83839-4-PBS capture and 83839-2-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

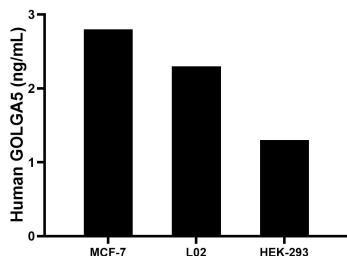
Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

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)

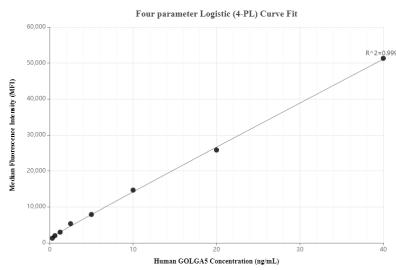
E: proteintech@ptglab.com  
W: ptglab.com

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

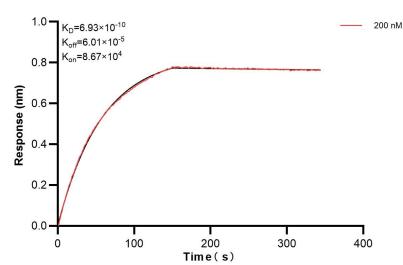
## Selected Validation Data



The mean GOLGA5 concentration was determined to be 2.8 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 2.3 ng/mL in L02 cell extract based on a 1.2 mg/mL extract load, 1.3 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP00813-2, GOLGA5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83839-2-PBS. Detection antibody: 83839-2-PBS. Standard: Ag35031. Range: 0.313-40 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83839-4-PBS against Human GOLGA5 was performed. The affinity constant is 0.693 nM.