

For Research Use Only

GOLGA5 Recombinant antibody

Catalog Number: 83839-2-RR



Basic Information

Catalog Number:	83839-2-RR	GenBank Accession Number:	BC023021	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	9950	CloneNo.:	240893F6
Source:	Rabbit	UNIPROT ID:	Q8TBA6	Recommended Dilutions:	WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype:	IgG	Full Name:	golgi autoantigen, golgin subfamily a, 5		
Immunogen Catalog Number:	AG35031	Calculated MW:	83 kDa		
		Observed MW:	80-95 kDa		

Applications

Tested Applications:	WB, IHC, ELISA	Positive Controls:	
Species Specificity:	human	WB :	HepG2 cells, L02 cells, HeLa cells, Jurkat cells
		IHC :	human ovary cancer tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			

Background Information

GOLGA5 (Golgin subfamily A member 5) maintains Golgi structure, and stimulates the formation of Golgi stacks and ribbons. Also, it is involved in intra-Golgi retrograde transport (PMID: 12538640; 15718469).

Storage

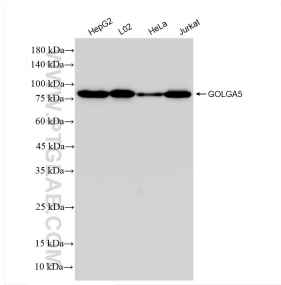
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

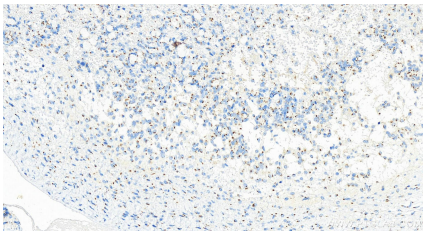
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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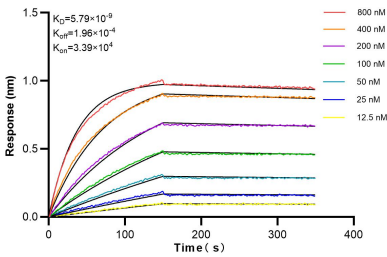
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83839-2-RR (GOLGA5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83839-2-RR (GOLGA5 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83839-2-RR against Human GOLGA5 were performed. The affinity constant is 5.79 nM.