

For Research Use Only

# GOLGA5 Recombinant antibody

Catalog Number:83839-2-RR



## Basic Information

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

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HepG2 cells, L02 cells, HeLa cells, Jurkat cells

IHC : human ovary cancer tissue,

## 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

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

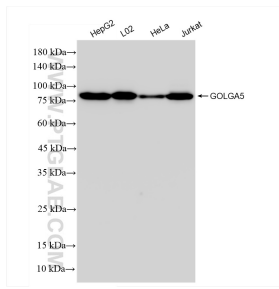
T: 4006900926

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W: ptgcn.com

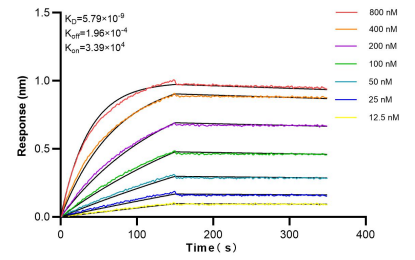
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## Selected Validation Data



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).



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