

For Research Use Only

# GNA13 Monoclonal antibody

Catalog Number: 67188-1-Ig

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 67188-1-Ig	<b>GenBank Accession Number:</b> BC036756	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10672	<b>CloneNo.:</b> 2G8F10
<b>Source:</b> Mouse	<b>Full Name:</b> guanine nucleotide binding protein (GWB protein), alpha 13	<b>Recommended Dilutions:</b> IHC 1:400-1:1600 IF 1:400-1:1600
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 44 kDa	
<b>Immunogen Catalog Number:</b> AG7316	<b>Observed MW:</b> 40 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

CoIP, WB

### Species Specificity:

Human, mouse, rat, pig

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells, Y79 cells, HepG2 cells, PC-12 cells, pig brain tissue, rat brain tissue, mouse brain tissue

IHC : human breast cancer tissue, human liver cancer tissue

IF : SH-SY5Y cells,

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Nur Cengiz Winter	37585105	J Proteome Res	WB,CoIP
Yaping Zhang	37587112	Nat Commun	WB

## 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

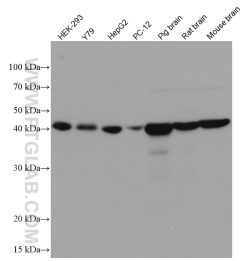
For technical support and original validation data for this product please contact:

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

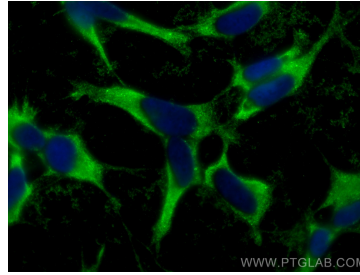
E: proteintech@ptglab.com  
W: ptglab.com

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

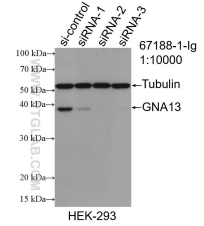
## Selected Validation Data



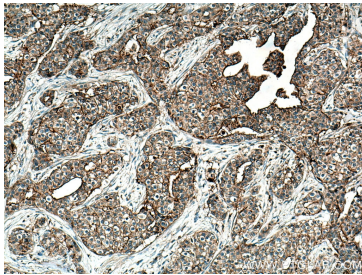
Various lysates were subjected to SDS PAGE followed by western blot with 67188-1-Ig (GNA13 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



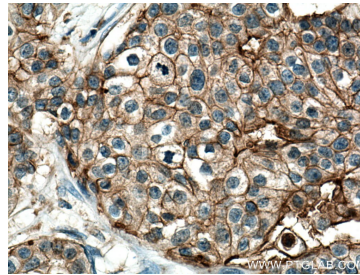
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using GNA13 antibody (67188-1-Ig, Clone: 2G8F10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of GNA13 antibody (67188-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GNA13 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67188-1-Ig (GNA13 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67188-1-Ig (GNA13 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).