

# GM130 Rabbit pAb

Catalog No.: A16248 **1 Publications**

## Basic Information

### Observed MW

130kDa

### Calculated MW

113kDa

### Category

Primary antibody

### Applications

WB, IHC-P, IF/ICC, ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

The Golgi apparatus, which participates in glycosylation and transport of proteins and lipids in the secretory pathway, consists of a series of stacked cisternae (flattened membrane sacs). Interactions between the Golgi and microtubules are thought to be important for the reorganization of the Golgi after it fragments during mitosis. This gene encodes one of the golgins, a family of proteins localized to the Golgi. This encoded protein has been postulated to play roles in the stacking of Golgi cisternae and in vesicular transport. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of these variants has not been determined.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

	400-999-6126
	cn.market@abclonal.com.cn
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Immunogen Information

### Gene ID

2801

### Swiss Prot

Q08379

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human GM130 (NP\_004477.3).

### Synonyms

GM130; DEDHMB

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

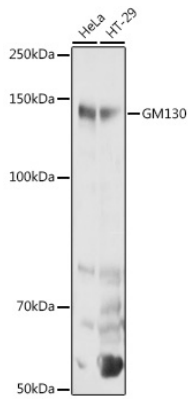
Affinity purification

### Storage

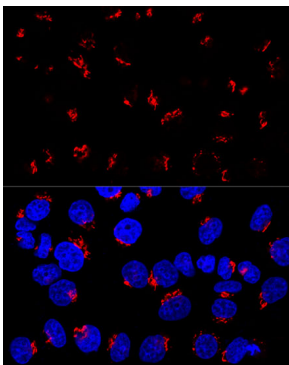
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

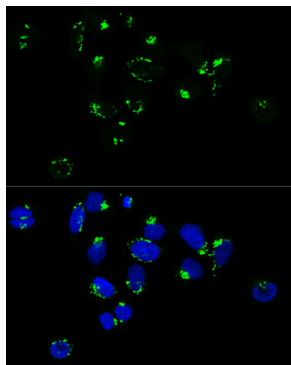
## Validation Data



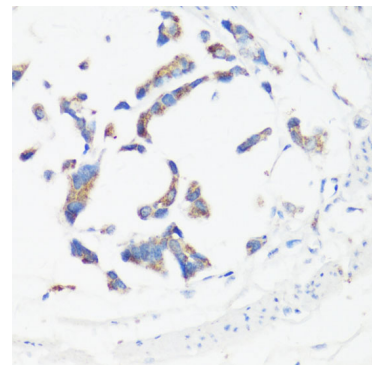
Western blot analysis of various lysates using GM130 Rabbit pAb (A16248) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



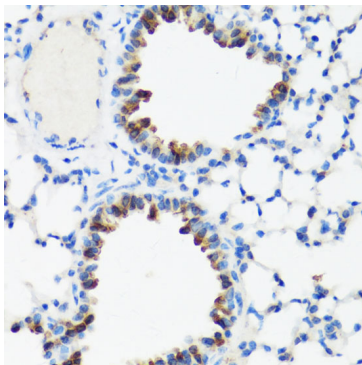
Confocal immunofluorescence analysis of HeLa cells using GM130 Rabbit pAb (A16248) at dilution of 1:200. Blue: DAPI for nuclear staining.



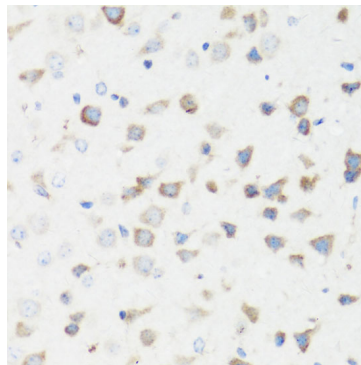
Confocal immunofluorescence analysis of U-2 OS cells using GM130 Rabbit pAb (A16248) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using GM130 Rabbit pAb (A16248) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using GM130 Rabbit pAb (A16248) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using GM130 Rabbit pAb (A16248) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.