

GM130 Rabbit mAb

Catalog No: #56019

Package Size: #56019-1 50ul #56019-2 100ul

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Description

Product Name	GM130 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF;IP
Species Reactivity	Human;Mouse;Rat
Specificity	GM130 Antibody detects endogenous levels of total GM130
Immunogen Description	A synthesized peptide derived from human GM130
Conjugates	Unconjugated
Other Names	GM130; Gm130 autoantigen; GOLGA 2; Golga2; Golgi autoantigen; Golgin 95;
Accession No.	Uniprot:Q08379
Calculated MW	113 kDa
SDS-PAGE MW	130 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

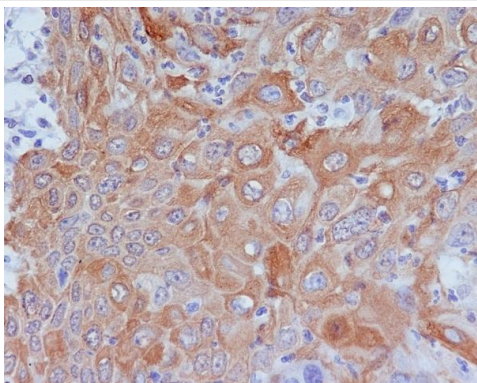
WB:1:500~1:2000

IHC:1:50~1:200

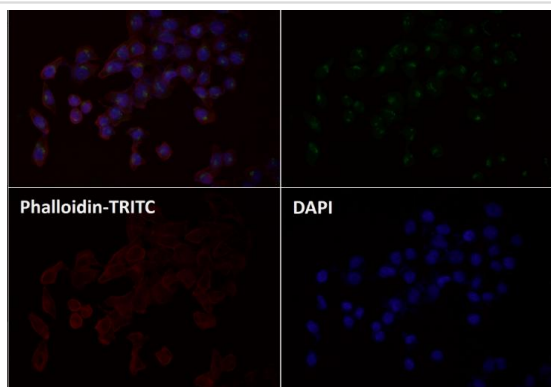
ICC/IF:1:50~1:200

IP:1:50

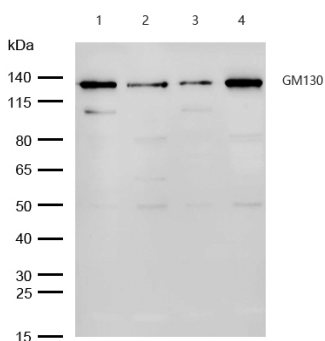
Images



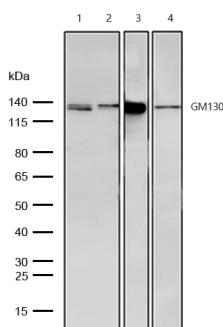
Immunohistochemical analysis of paraffin-embedded human cervix carcinoma, using GM130 Antibody.



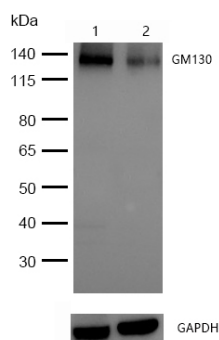
Immunofluorescent analysis using the Antibody at 1:500 dilution.(Hela)



All lanes: GM130 Rabbit mAb at 1/1k dilution
Lane 1 : HeLa whole cell lysates
Lane 2 : 293 whole cell lysates
Lane 3 : MCF7 whole cell lysates
Lane 4 : K562 whole cell lysates
Lysates/proteins at 20 µg per lane.
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 113 kDa
Observed band size: 130 kDa
Exposure time: 8 seconds



All lanes: GM130 Rabbit mAb at 1/1k dilution
Lane 1 : Mouse lung lysates
Lane 2 : Mouse kidney lysates
Lane 3 : Mouse skin lysates
Lane 4 : Rat liver lysates
Lysates/proteins at 20 µg per lane.
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 113 kDa
Observed band size: 130 kDa
Exposure time: 9 seconds



All lanes: GM130 Rabbit mAb at 1/1k dilution
Lane 1 : Wild-type HeLa cell lysate
Lane 2 : GM130 knockdown HeLa cell lysate
Lysates/proteins at 20 µg per lane.

Product Description

Golgi auto-antigen; probably involved in maintaining cis-Golgi structure. 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.