Mouse GM130 Monoclonal Antibody | anti-GM130 antibody

Anti-GM130 Antibody (Monoclonal, 6D4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125377	**Mouse**	**Human, Mouse, Rat**	**Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

GM130; Monoclonal Antibody; Anti-GM130 Antibody (Monoclonal; 6D4); Golgin subfamily A member 2; golgin A2; 130 kDa cis-Golgi matrix protein; GM130 autoantigen; Golgin-95; GOLGA2; anti-GM130 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6D4
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized; Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Applicable Applications for anti-GM130 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human GM130 recombinant protein (Position: E796-E913).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500mug/ml.
Relevant Detection Systems	We recommend Enhanced Chemiluminescent Kit with anti-Mouse IgG (Please Inquire) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (Please Inquire) for IHC(P) and ICC.
Preparation and Storage	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-GM130 antibody	Golgin subfamily A member 2 is a protein that in humans is encoded by the GOLGA2 gene. 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.
References	1.Matsuki, T., Matthews, R. T., Cooper, J. A., van der Brug, M. P., Cookson, M. R., Hardy, J. A., Olson, E. C., Howell, B. W. Reelin and Stk25 have opposing roles in neuronal polarization and dendritic Golgi deployment. Cell 143: 826-836, 2010. 2.Wong, M., Munro, S. The specificity of vesicle traffic to the Golgi is encoded in the golgin coiled-coil proteins. Science 346: 601 only, 2014.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	2801
UniProt Accession #	Q08379
UniProt Protein Name	Golgin subfamily A member 2
UniProt Gene Name	**GOLGA2**
UniProt Synonym Gene Names	GM1301 PublicationManual assertion based on opinion iniRef.1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/gm130-antibody-clone-6d4-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/125377