

Anti-Golgin 97 GOLGA1 Monoclonal Antibody
Catalog # ABO14402**Specification**

Anti-Golgin 97 GOLGA1 Monoclonal Antibody - Product Information

Application	WB, IP
Primary Accession	Q92805
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-Golgin 97 GOLGA1 Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human.

Anti-Golgin 97 GOLGA1 Monoclonal Antibody - Additional Information

Gene ID 2800

Other Names

Golgin subfamily A member 1, Golgin-97, GOLGA1

Application Details

WB 1:1000-1:5000
IP 1:30

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Golgin 97 The Golgi-associated protein golgin A1 (GOLGA1, golgin-97) was first isolated as a Golgi complex autoantigen associated with the autoimmune disorder Sjogren's syndrome. The golgin-97 protein contains a carboxy-terminal GRIP domain and is a commonly used trans-Golgi network (TGN) marker.

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Golgin 97 GOLGA1 Monoclonal Antibody - Protein Information

Name GOLGA1

Function

Involved in vesicular trafficking at the Golgi apparatus level. Involved in endosome-to-Golgi trafficking. Mechanistically, captures transport vesicles arriving from endosomes via the protein TBC1D23 (PubMed:29084197, PubMed:38552021). Recognized vesicles are then tethered to the trans-Golgi before subsequent SNARE engagement and vesicle fusion. Selectively regulates E-cadherin transport from the trans-Golgi network in tubulovesicular carriers (PubMed:34969853).

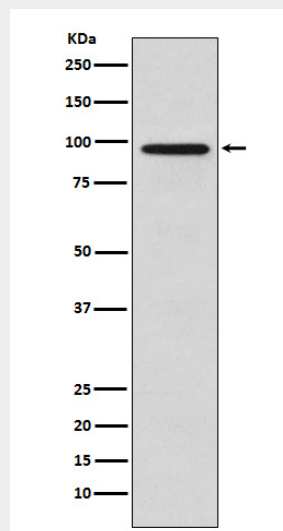
Cellular Location

Golgi apparatus membrane; Peripheral membrane protein. Golgi apparatus, trans-Golgi network membrane Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250|UniProtKB:Q9CW79}

Anti-Golgin 97 GOLGA1 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Golgin 97 GOLGA1 Monoclonal Antibody - Images

Western blot analysis of Golgin 97 expression in HeLa cell lysate.