

Datasheet for ABIN968506
anti-GOLGA5 antibody (AA 510-713)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	50 µg
Target:	GOLGA5
Binding Specificity:	AA 510-713
Reactivity:	Human, Dog
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GOLGA5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Human Golgin-84 aa. 510-713
Clone:	26-Golgin
Isotype:	IgG1
Cross-Reactivity:	Dog (Canine)
Characteristics:	<ol style="list-style-type: none">1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.2. Please refer to us for technical protocols.3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity

Product Details

chromatography.

Target Details

Target:	GOLGA5
Alternative Name:	Golgin-84 (GOLGA5 Products)
Background:	<p>The Golgi apparatus is a complex and dynamic organelle that functions in protein sorting and modification. Numerous structural and regulatory proteins are involved in the budding, docking, and fusion of Golgi-directed vesicles. Golgin-84 is an integral membrane protein associated with the Golgi. Sequence analysis of the C-terminal region of Golgin-84 demonstrates a 14 residue region extending into the lumen of the Golgi, a membrane insertion sequence, and a Golgi retention signal. The large N-terminal cytoplasmic region contains a coiled-coil domain that is required for dimerization and two leucine zipper domains. Golgin-84 is ubiquitously expressed, but is abundant in testis. Golgin-84 has sequence homology to coiled-coil containing myosin family members and to several other Golgi proteins, including trans-Golgi p230 and giantin. Trans-Golgi p230 has been implicated in the biogenesis of specific Golgi vesicles, while giantin is implicated in the tethering of non-clathrin coated vesicles and in the anchoring of adjacent Golgi cisternae. Thus, Golgin-84 may have similar roles in vesicle biogenesis, docking, and fusion at the Golgi interface.</p>
Molecular Weight:	84 kDa

Application Details

Comment:	Related Products: ABIN968552, ABIN967389
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	250 µg/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

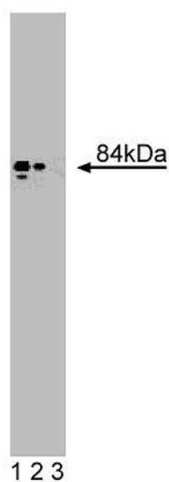
Storage: -20 °C

Storage Comment: Store undiluted at -20° C.

Publications

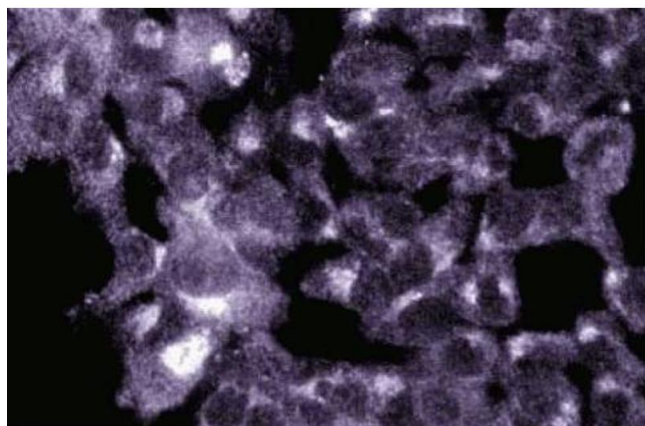
Product cited in: Bascom, Srinivasan, Nussbaum: "Identification and characterization of golgin-84, a novel Golgi integral membrane protein with a cytoplasmic coiled-coil domain." in: **The Journal of biological chemistry**, Vol. 274, Issue 5, pp. 2953-62, (1999) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of Golgin-84 on a SW-13 cell lysate (Human adrenal gland carcinoma, ATCC CCL-105). Lane 1: 1:250, lane 2: 1:500, lane 3: 1:1000 dilution of the mouse anti- Golgin-84 antibody.



Immunofluorescence

Image 2. Immunofluorescence staining of ES-2 cells (Human ovary clear cell carcinoma, ATCC CRL-1978).