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Datasheet for ABIN7127258

Recombinant anti-GLG1 antibody

Overview

Quantity:	100 µg
Target:	GLG1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This GLG1 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human GLG1 protein
Isotype:	IgG
Specificity:	<p>This MAb recognizes an antigen associated with the Golgi complex in human cells only. It can be used to stain the Golgi complex in cell or tissue preparations and can be used as a Golgi marker in subcellular fractions. It produces a diffuse staining pattern of the Golgi zone in normal and malignant cells. This MAb is an excellent marker for human cells in xenographic model research. It reacts specifically with human cells. The Golgi apparatus is an organelle present in all eukaryotic cells that forms a part of the endomembrane system. The primary function of the Golgi apparatus is to process and package macromolecules synthesized by the cell for exocytosis or use within the cell. The Golgi is made up of a stack of flattened, membrane-bound sacs known as cisternae, with three functional regions: the cis face, medial region and trans face. Each region consists of various enzymes that selectively modify the</p>

Product Details

macromolecules passing through them, depending on where they are destined to reside. Several spherical vesicles that have budded off of the Golgi are present surrounding the main cisternae.

Cross-Reactivity (Details): Human. Does not react with Mouse or Rat.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: GLG1

Alternative Name: GLG1 ([GLG1 Products](#))

Background: CFR-1, Cysteine-rich fibroblast growth factor receptor, E-selectin ligand-1 (ESL-1), Golgi Glycoprotein 1 (GLG1), Golgi apparatus protein 1, Golgi sialoglycoprotein MG-160, Slectin, endothelial cell, ligand, Golgi Complex (Marker for Human Cells)
Cellular localisation: Golgi complex in cytoplasm

Molecular Weight: 134kDa

Gene ID: 2734, 109731

UniProt: [Q92896](#)

Application Details

Application Notes: Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.
Positive_Control: HepG2, A431 or HeLa cells. Placenta, Tonsil, Testis and Ovary.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-

Handling

hazardous.

Expiry Date: 24 months