Recombinant Golgi Complex (Marker for Human Cells) Antibody

Rabbit Monoclonal Antibody [Clone GLG1/2829R]

Catalog No	Format	Size
RBM3-2829-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
RBM3-2829-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
RBM3-2829-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

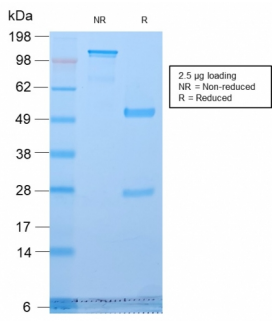
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

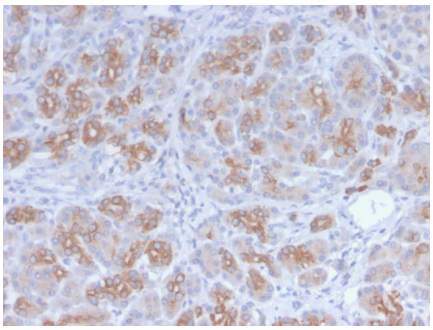
Clone	GLG1/2829R
Gene Name	GLG1
Immunogen	Recombinant full-length human GLG1 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	134kDa
Cellular Localization	Cytoplasm, Cytoskeleton, Golgi apparatus membrane, Golgi outpost, Microtubule organizing center
Species Reactivity	Human
Positive Control	A431 or HeLa cells. Placenta, HePG2, Testis and Ovary., Tonsil

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Golgi Complex (Marker for Human Cells) Antibody



SDS-PAGE Analysis of Purified Golgi Rabbit Recombinant MonoclonalAntibody (GLG1/2829R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Golgi Rabbit Recombinant Monoclonal Antibody (GLG1/2829R).

Specificity & Comments

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 macromolecules passing though 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.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.