

# Golgi Complex (Marker for Human Cells) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone AE-6 ]

Catalog # AH12990

## Product Information

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<b>Application</b>	WB, IHC, IF, FC, ICC
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse / IgG1, kappa
<b>Clone Names</b>	AE-6
<b>Calculated MW</b>	Not Known

## Additional Information

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<b>Application Note</b>	WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 FC~~1:10~50 ICC~~N/A
<b>Storage</b>	Store at 2 to 8°C.Antibody is stable for 24 months.
<b>Precautions</b>	Golgi Complex (Marker for Human Cells) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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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 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.

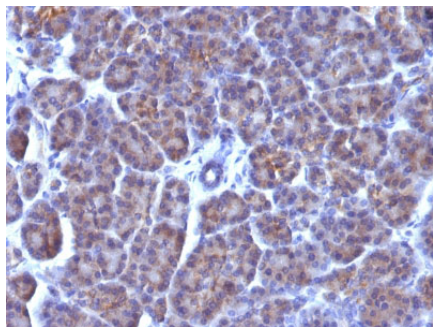
## References

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Yuasa, K et. al. Binding and Phosphorylation of a Novel Male Germ Cell-specific cGMP-dependent Protein Kinase-anchoring Protein by cGMP-dependent Protein Kinase I. J Biol Chem, 275(7):4897-4905;2000. | Yoshio Endo et. al. Cellular localization and functional characterization of the equilibrative nucleoside transporters of antitumor nucleosides. Cancer science 98;2007

## Images

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Formalin-fixed, paraffin-embedded human Pancreas stained with Golgi Monoclonal Antibody (AE-6).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.