

## Golgi Antibody [clone AE-6] (V3097CF647)

Catalog No.	Formulation	Size
V3097CF647-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	CF647 Conjugate
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	AE-6
<b>Purity</b>	Protein G affinity chromatography
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Flow Cytometry : 5ul per test per one 10 <sup>6</sup> cells in 0.1ml or 5ul per 100ul of whole blood Immunofluorescence : 1-2ug/ml
<b>Limitations</b>	This Golgi antibody is available for research use only.



### Description

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. The Golgi tends to be more pronounced and numerous in cells that make and secrete many substances such as plasma B cells.

## **Application Notes**

Optimal dilution of the Golgi antibody should be determined by the researcher.

## **Immunogen**

SU-DHL-1 large cell lymphoma cells were used as the immunogen for the Golgi antibody.

## **Storage**

Store the Golgi antibody at 2-8°C, protected from light.