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# 36-3753: Anti-Golgi Complex (Marker for Human Cells) Monoclonal Antibody(Clone: AE-6)-CF488

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| **Clonality :** | Monoclonal |
| **Clone Name :** | AE-6 |
| **Application :** | FACS,IF |
| **Reactivity :** | Human |
| **Conjugate :** | CF488 |
| **Alternative Name :** | Golgi Complex; Golgi apparatus; Golgi zone |
| **Isotype :** | Mouse IgG1, kappa |
| **Immunogen Information :** | SU-DHL-1 large cell lymphoma cells |

## 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 thoÂµgh 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.

## Product Info

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| **Amount :** | 0.5 ml at 100µg/ml |
| **Content :** | Antibody Purified from Bioreactor Concentrate by Protein A/G and conjµgated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you require this Ab in a different format. |
| **Storage condition :** | Antibody with azide - store at 4 to 8°C. Antibody is stable for 24 months. Non-hazardous. |

## Application Note

Flow Cytometry: 5ul per test per one million cells (or 5ul per 100ul of whole blood);Immunofluorescence (1:50-1:100)

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***