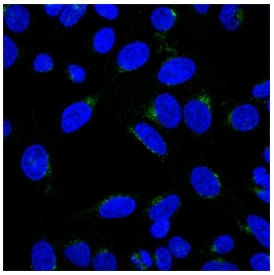
Golgi Complex Antibody [clone 371-4] (V2338CF488)

Catalog No.	Formulation	Size
V2338CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	CF488 Conjugate
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	371-4
Purity	Protein G affinity chromatography
Localization	Cytoplasmic
Applications	Flow Cytometry : 5ul per test per one 10^6 cells in 0.1ml or 5ul per 100ul of whole blood Immunofluorescence : 1-2ug/ml
Limitations	This Golgi Complex antibody is available for research use only.



Immunofluorescent staining of methanol-fixed human HeLa cells with CF488-labeled Golgi complex antibody (clone 371-4, green) and DAPI nuclear stain (blue).

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 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. 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 Complex antibody should be determined by the researcher.

Immunogen

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

Storage

Store the Golgi Complex antibody at 2-8oC, protected from light.