# Golgi Complex (Marker for Human Cells) Antibody

Mouse Monoclonal Antibody [Clone 371-4]

| Catalog No | Format | Size |
|---|---|---|
| MSM1-102-CF647-100T | Purified Ab conjugated to CF647 | 0.5 ml at 100ug/ml |

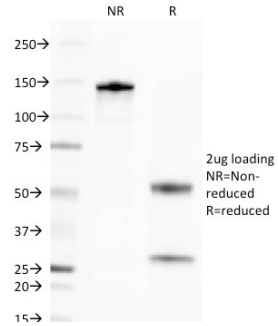
| Applications | Tested Dillution | Note |
|---|---|---|
| Flow Cytometry (Flow) | 1-2ug/million cells | |
| Immunofluorescence (IF) | 1-3ug/ml | |
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

| | |
|---|---|
| **Clone** | 371-4 |
| **Gene Name** | N/A |
| **Immunogen** | SU-DHL-1 large cell lymphoma cells. |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG1 |
| **Mol. Weight of Antigen** | Not Known |
| **Cellular Localization** | golgi-complex-in-cytoplasm, N/A |
| **Species Reactivity** | Human |
| **Positive Control** | HePG2 |

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

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




SDS-PAGE Analysis of Purified Golgi Mouse Monoclonal Antibody (371-4).
Confirmation of Purity and Integrity of Antibody.

## 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.