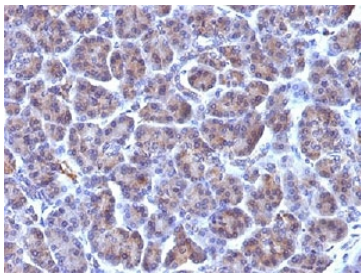
Golgi Complex Antibody [clone 371-4] (V2338)

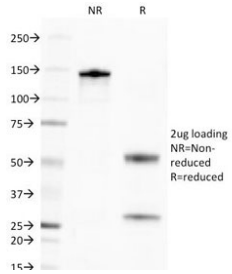
Catalog No.	Formulation	Size
V2338-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2338-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2338SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2338IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

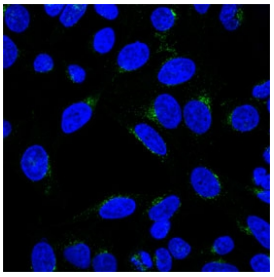
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	371-4
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	Not Known
Gene ID	Not Known
Localization	Golgi complex in cytoplasm
Applications	Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunocytochemistry (Acetone Or Paraformaldehyde Fixed) : 1-2ug/ml for 30 min Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This **Golgi complex antibody** is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human pancreas stained with Golgi antibody (clone 371-4).



SDS-PAGE Analysis of Purified, BSA-Free Golgi Complex Antibody (clone 371-4). Confirmation of Integrity and Purity of the Antibody.



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

Description

Clone 371-4 antibody specifically detects the Golgi complex in human cells. It is part of panel of reagents which recognizes subcellular organelles or compartments of human cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. The antibody recognizes an antigen associated with the Golgi complex in human cells only. It can be used to stain cell or tissue preparations and can be used as a marker in subcellular fractions. The antibody produces a diffuse staining pattern of the Golgi zone in normal and malignant cells and may be used to stain Golgi complex in frozen tissue sections. It can also be used with paraformaldehyde fixed frozen tissue or cell preparations. The 371-4 antibody is an excellent marker for human cells in xenographic model research.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the Golgi complex antibody to be titered up or down for optimal performance.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

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

Storage

Store the Golgi Complex antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

References (2)