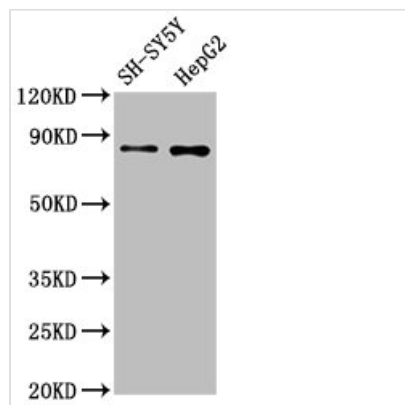




GOLM1 Recombinant Monoclonal Antibody

Product Code	CSB-RA009666A0HU
Abbreviation	Golgi membrane protein 1
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8NBJ4
Immunogen	A synthesized peptide derived from human GOLM1
Species Reactivity	Human
Tested Applications	ELISA, WB, FC; Recommended dilution: WB:1:500-1:5000
Relevance	Unknown. Cellular response protein to viral infection.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Golgi membrane protein 1, Golgi membrane protein GP73, Golgi phosphoprotein 2, GOLM1, C9orf155, GOLPH2, PSEC0242, UNQ686/PRO1326
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Gene Names	GOLM1
Clone No.	9C2

Image



Western Blot

Positive WB detected in: SH-SY5Y whole cell lysate, HepG2 whole cell lysate

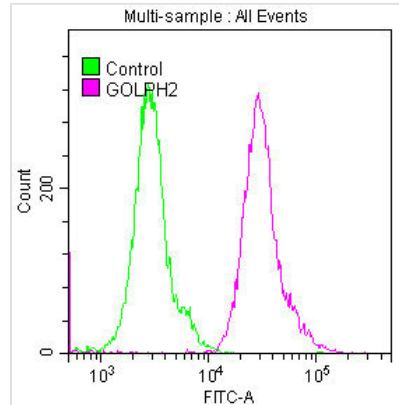
All lanes: GOLM1 antibody at 1.3µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 46, 45 KDa

Observed band size: 80 KDa



Overlay histogram showing Hela cells stained with CSB-RA009666A0HU (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4?. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4?. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.

Description

The recombinant GOLM1 antibody is a monoclonal antibody made in vitro using the GOLM1 antibody genes that are typically expressed from a plasmid in a stable mammalian cell line. The genes coding for the GOLM1 antibody will ultimately assemble into a fully functional antibody after translation. The synthesized antibody is the recombinant antibody against GOLM1. It underwent purification using affinity-chromatography. This recombinant GOLM1 antibody is suitable for use in the ELISA, WB, FC to detect the GOLM1 protein from Human.

GOLM1 is a Golgi resident protein responsible for the processing of proteins synthesized in the rough endoplasmic reticulum and transportation of protein through the Golgi apparatus. GOLM1 has been found as a hepatocellular cancer serum marker. GOLM1 has also been identified as a promoter of proliferation, invasion, and migration in a variety of human malignancies, including hepatocellular carcinoma, prostate cancer, esophageal cancer, gastric cancer, and cutaneous melanoma.