Rabbit anti-Human GOLPH2/GOLM1 Monoclonal Antibody | anti-GOLM1 antibody

Recombinant Anti-GOLPH2/GOLM1 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27750	**Rabbit**	**Human**	**ELISA, Flow Cytometry, Functional Assay**

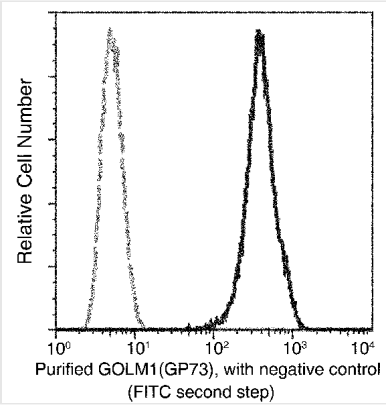
PRODUCT SYNONYMS

GOLPH2/GOLM1; Monoclonal Antibody; Recombinant Anti-GOLPH2/GOLM1 Antibody; Rabbit Monoclonal; GOLM1 Antibody; Rabbit MAb; golgi membrane protein 1; Anti-bA379P1.3 Antibody; Anti-C9orf155 Antibody; Anti-GOLPH2 Antibody; Anti-GP73 Antibody; Anti-HEL46 Antibody; Anti-PSEC0257 Antibody; anti-GOLM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	024
Specificity	Human GOLM1
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GOLM1 antibody	ELISA, FCM/FACS (Flow Cytometry)
Application Notes	FC: 1:25-1:100 ELISA: 1:5000-1:10,000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human GOLM1. Optimal concentrations/dilutions should be determined by the end user.
Immunogen	Recombinant Human GOLM1/GP73 protein
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human GOLM1 (rh GOLM1).
Preparation and Storage	This antibody can be stored at 2-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



FCM (Flow Cytometry)
Flow cytometric analysis of Human GOLM1(GP73) expression on HeLa cells. The cells were treated according to manufacturer's manual (BD Pharmingen'), stained with purified anti-Human GOLM1(GP73), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

ADDITIONAL INFORMATION

Related Product Information for anti-GOLM1 antibody	Golgi membrane protein 1, also known as Golgi membrane protein GP73, Golgi phosphoprotein 2, and GOLM1, is a protein that belongs to the GOLM1/CASC4 family. GOLM1 is widely expressed. It is highly expressed in the colon, prostate, trachea, and stomach. It is expressed at a lower level in testis, muscle, lymphoid tissues, white blood cells, and spleen. It is predominantly expressed by cells of the epithelial lineage. GOLM1 is expressed at a low level in the normal liver. Expression significantly increases in virus (HBV, HCV) infected liver. Expression of GOLM1 does not increase in liver disease due to non-viral causes (alcohol-induced liver disease, autoimmune hepatitis). Increased expression in hepatocytes appears to be a general feature of advanced liver disease. In liver tissue from patients with adult giant-cell hepatitis (GCH), GOLM1 is strongly expressed in hepatocyte-derived syncytial giant cells. GOLM1 is constitutively expressed by biliary epithelial cells but not by hepatocytes.
References	Kladney R.D., et al., (2000), GP73, a novel Golgi-localized protein upregulated by viral infection. Gene 249:53-65.Clark H.F., et al., (2003), The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment.Genome Res. 13:2265-2270.Puri S., et al., (2002), Cycling of early Golgi proteins via the cell surface and endosomes upon lumenal pH disruption.Traffic 3:641-653.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51316027
NCBI GeneID	51280
UniProt Accession #	Q8NBJ4; Q6IAF4; Q9NRB9
NCBI Official Full Name	Golgi membrane protein 1
NCBI Official Synonym Full Names	golgi membrane protein 1
NCBI Official Symbol	GOLM1
NCBI Official Synonym Symbols	GP73; HEL46; GOLPH2; C9orf155; PSEC0257; bA379P1.3
NCBI Protein Information	Golgi membrane protein 1; golgi protein, 73-kD; golgi phosphoprotein 2; golgi membrane protein GP73; epididymis luminal protein 46
UniProt Protein Name	Golgi membrane protein 1
UniProt Gene Name	**GOLM1**
UniProt Synonym Gene Names	C9orf155; GOLPH2

UniProt Entry Name	GOLM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/golph2-golm1-antibody-clone-024-flow-cytometry-elisa/27750