

**KD-Validated Anti-GOLM1 Mouse Monoclonal Antibody**  
**Mouse monoclonal antibody**  
**Catalog # AGI2061****Specification****KD-Validated Anti-GOLM1 Mouse Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8NBJ4</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	Predicted, 45 kDa, observed, 70-75 kDa
Gene Name	KDa
Aliases	GOLM1
	GOLM1; Golgi Membrane Protein 1; Golgi Phosphoprotein 2; BA379P1.3; C9orf155; GOLPH2; GP73; Golgi Membrane Protein GP73; FLJ23608; Chromosome 9 Open Reading Frame 155; Epididymis Luminal Protein 46; Golgi Protein, 73-KD; PSEC0257; HEL46
Immunogen	Recombinant protein of human GOLM1

**KD-Validated Anti-GOLM1 Mouse Monoclonal Antibody - Additional Information**

Gene ID	51280
<b>Other Names</b>	
Golgi membrane protein 1, Golgi membrane protein GP73, Golgi phosphoprotein 2, GOLM1, C9orf155, GOLPH2	

**KD-Validated Anti-GOLM1 Mouse Monoclonal Antibody - Protein Information****Name** GOLM1**Synonyms** C9orf155, GOLPH2**Function**

Unknown. Cellular response protein to viral infection.

**Cellular Location**

Golgi apparatus, cis-Golgi network membrane; Single-pass type II membrane protein. Note=Early Golgi. Cycles via the cell surface and endosomes upon luminal pH disruption

**Tissue Location**

Widely expressed. Highly expressed in colon, prostate, trachea and stomach. Expressed at lower level in testis, muscle, lymphoid tissues, white blood cells and spleen. Predominantly expressed by cells of the epithelial lineage. Expressed at low level in normal liver. Expression significantly increases in virus (HBV, HCV) infected liver. Expression does not increase in liver disease due to

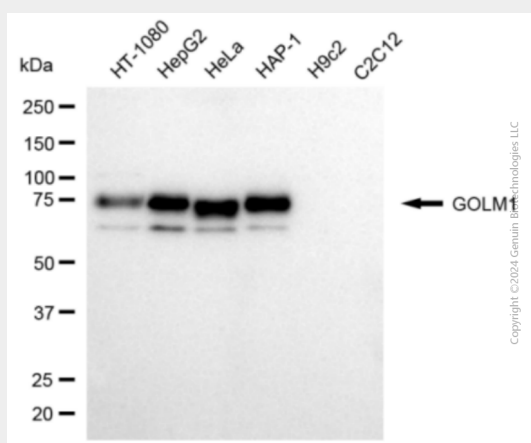
non-viral causes (alcohol-induced liver disease, autoimmune hepatitis) Increased expression in hepatocytes appears to be a general feature of advanced liver disease. In liver tissue from patients with adult giant- cell hepatitis (GCH), it is strongly expressed in hepatocytes-derived syncytial giant cells. Constitutively expressed by biliary epithelial cells but not by hepatocytes.

### KD-Validated Anti-GOLM1 Mouse Monoclonal Antibody - Protocols

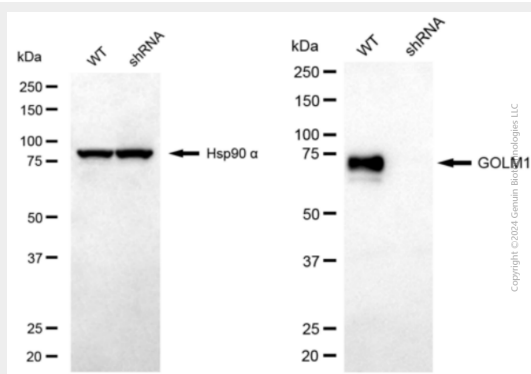
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### KD-Validated Anti-GOLM1 Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-GOLM1 antibody (Cat#AGI2061). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GOLM1 antibody (Cat#AGI2061, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-GOLM1 antibody (Cat#AGI2061). GOLM1 expression in wild-type (WT) and GOLM1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates.

Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-GOLM1 antibody (Cat#AGI2061, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.