

C1GALT1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant C1GALT1.

Catalog # AT1334a

Specification

C1GALT1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q9NS00
Other Accession	NM_020156
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	42203

C1GALT1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 56913

Other Names

Glycoprotein-N-acetylgalactosamine
3-beta-galactosyltransferase 1, B3Gal-T8,
Core 1 O-glycan T-synthase, Core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta
1, 3-galactosyltransferase 1, Beta-1,
3-galactosyltransferase, Core 1 beta1,
3-galactosyltransferase 1, C1GalT1, Core 1
beta3-Gal-T1, C1GALT1

Target/Specificity

C1GALT1 (NP_064541, 264 a.a. ~ 363 a.a)
partial recombinant protein with GST tag.
MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

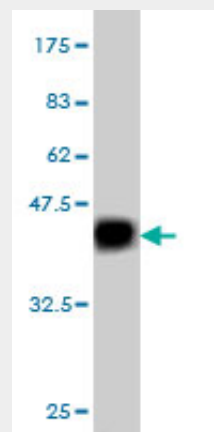
Clear, colorless solution in phosphate
buffered saline, pH 7.2 .

Storage

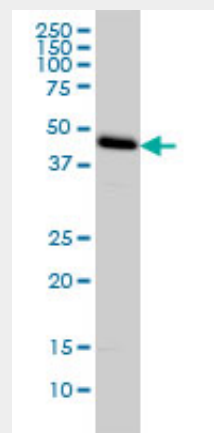
Store at -20°C or lower. Aliquot to avoid
repeated freezing and thawing.

Precautions

C1GALT1 Antibody (monoclonal) (M01) is
for research use only and not for use in



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



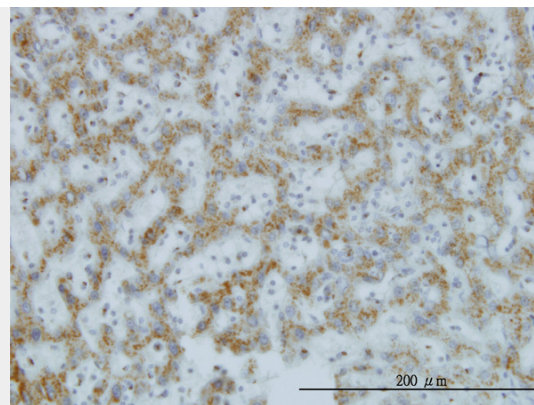
C1GALT1 monoclonal antibody (M01), clone 1F1 Western Blot analysis of C1GALT1 expression in HeLa ((Cat # AT1334a)

diagnostic or therapeutic procedures.

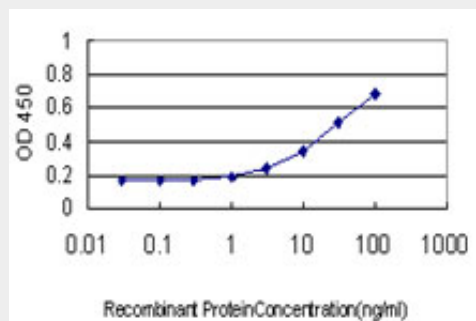
C1GALT1 Antibody (monoclonal) (M01) - Protocols

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](#)



Immunoperoxidase of monoclonal antibody to C1GALT1 on formalin-fixed paraffin-embedded human hepatocellular carcinoma. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged C1GALT1 is approximately 0.3ng/ml as a capture antibody.

C1GALT1 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene generates the common core 1 O-glycan structure, Gal-beta-1-3GalNAc-R, by the transfer of Gal from UDP-Gal to GalNAc-alpha-1-R. Core 1 is a precursor for many extended mucin-type O-glycans on cell surface and secreted glycoproteins. Studies in mice suggest that this gene plays a key role in thrombopoiesis and kidney homeostasis.

C1GALT1 Antibody (monoclonal) (M01) - References

1. Association of cell surface mucins with galectin-3 contributes to the ocular surface epithelial barrier. Argueso P, Guzman-Aranguez A, Mantelli F, Cao Z, Ricciuto J, Panjwani N.J Biol Chem. 2009 Aug 21;284(34):23037-45. Epub 2009 Jun 25.