10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ASGR2 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a full-length recombinant ASGR2.
Catalog # AT1213a

Product Information

Application	WB, E
Primary Accession	P07307
Other Accession	BC017251
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D7
Calculated MW	35092

Additional Information

Gene ID	433
Other Names	Asialoglycoprotein receptor 2, ASGP-R 2, ASGPR 2, C-type lectin domain family 4 member H2, Hepatic lectin H2, HL-2, ASGR2, CLEC4H2
Target/Specificity	ASGR2 (AAH17251, 1 a.a. ~ 287 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
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	ASGR2 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

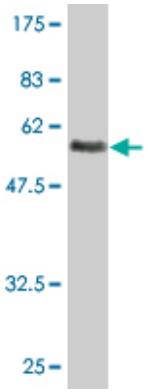
This cell surface receptor binds to galactose-terminated glycoproteins. It transports these glycoproteins via a series of membrane vesicles and tubules to an acidic-sorting organelle where the receptor and ligand dissociates. Then the receptor is recycled back to the cell surface. There are four alternatively spliced transcript variants of this gene.

References

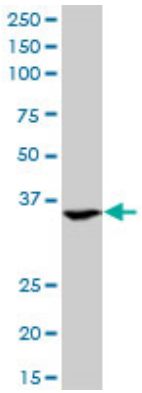
New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.Role of sialic acid for platelet life span: exposure of beta-galactose results

in the rapid clearance of platelets from the circulation by asialoglycoprotein receptor-expressing liver macrophages and hepatocytes. S?rensen AL, et al. Blood, 2009 Aug 20. PMID 19520807.Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry. Liu T, et al. J Proteome Res, 2005 Nov-Dec. PMID 16335952.The B domain of coagulation factor VIII interacts with the asialoglycoprotein receptor. Bovenschen N, et al. J Thromb Haemost, 2005 Jun. PMID 15946216.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

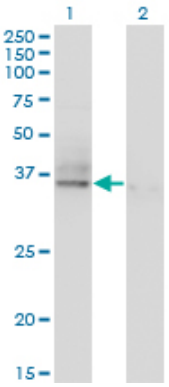
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (57.31 KDa) .

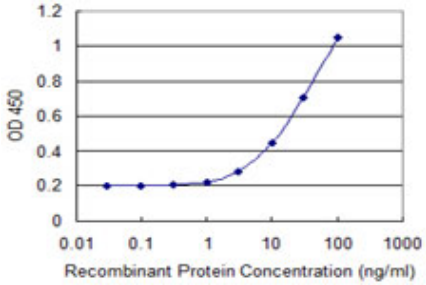


ASGR2 monoclonal antibody (M05), clone 1D7. Western Blot analysis of ASGR2 expression in K-562 ((Cat # AT1213a)



Western Blot analysis of ASGR2 expression in transfected 293T cell line by ASGR2 monoclonal antibody (M05), clone 1D7.

Lane 1: ASGR2 transfected lysate (Predicted MW: 32.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged ASGR2 is 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.