

For Research Use Only

ASGR2 Monoclonal antibody, PBS Only



Catalog Number: 66831-1-PBS

Basic Information

Catalog Number: 66831-1-PBS	GenBank Accession Number: BC017251	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 433	CloneNo.: 2A5C12
Source: Mouse	UNIPROT ID: P07307	
Isotype: IgG2a	Full Name: asialoglycoprotein receptor 2	
Immunogen Catalog Number: AG2037	Calculated MW: 39 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, rat

Background Information

Asialoglycoprotein receptor (ASGPR), also known as the hepatic galactose/N-acetylglucosamine (GlcNAc) receptor or Ashwell receptor, is a C-type lectin expressed exclusively in hepatic parenchymal cells. ASGPR consists of two subunits, a major subunit (ASGR1, HL-1) and a minor subunit (ASGR2, HL-2), and specifically recognizes terminal β -linked galactose or GlcNAc on circulating glycoproteins or cells. This receptor plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins that contain terminal galactose or GlcNAc residues. ASGPR may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery.

Storage

Storage:
Store at -80°C .

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

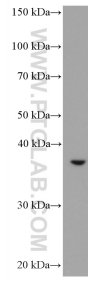
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Selected Validation Data



SMMC-7721 cells were subjected to SDS PAGE followed by western blot with 66831-1-Ig (ASGR2 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66831-1-PBS in a different storage buffer formulation.