

Anti-ASGR2 Antibody (3P650)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3P650
Purification:	Protein A

Applications

Verified Activity:	<ol style="list-style-type: none">1. Immunochemical staining of human ASGR2 in human liver with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).2. Immunochemical staining of human ASGR2 in human cirrhosis with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).3. Flow cytometric analysis of Human ASGR2 expression on HepG2 cells. Cells were stained with purified anti-Human ASGR2, 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.4. Immunofluorescence staining of ASGR2 in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ASGR2 monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).
Application:	ELISA,FCM,ICC/IF,IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:100-1:500; ICC-IF: 1:20-1:100; FCM: 1:25-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human ASGR2 / ASGPR2 protein (TMPY-02909)
Antigen Species:	Human
Synonyms:	HL-2;CLEC4H2;ASGPR2;ASGP-R2;HBXBP;asialoglycoprotein receptor 2

Research Background

ASGR2 is a subunit of the asialoglycoprotein receptor. Asialoglycoprotein receptor, also known as the Ashwell receptor, which is specific for desialylated (galactosyl-terminal) glycoproteins and is expressed exclusively in hepatic parenchymal cells. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. ASGR2 is a glycoprotein. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug

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delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. ASGR2 is the less abundant minor subunit.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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