Recombinant ASGR1 Monoclonal Antibody

catalog number: **AN301439L**

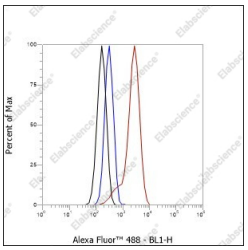
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

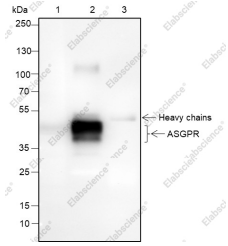
Reactivity	Human
Immunogen	Recombinant human ASGR1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311062
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50
IP	1:50-1:100
FCM	1:50-1:100

Data



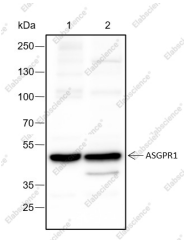
Flow cytometric analysis of human ASGR1 expression on HepG2 cells. Cells were stained with purified anti-Human ASGR1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.



Immunoprecipitation analysis using anti-ASGR1 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using ASGR1 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: ASGR1 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:40-50 kDa

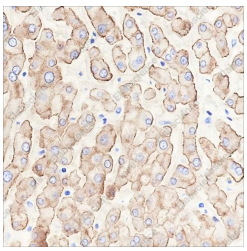
Calculated-MW:33 kDa



Western Blot with ASGR1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HepG2, Lane 2: Human liver

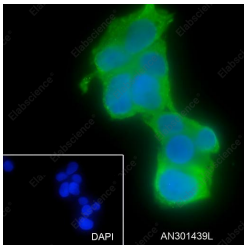
Observed-MW:40-50 kDa

Calculated-MW:33 kDa



Immunohistochemistry of paraffin-embedded Human liver using ASGR1 Monoclonal Antibody at dilution of 1:100.

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Immunofluorescent analysis of (4% Paraformaldehyde) fixed HepG2 cells using anti-ASGR1 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

Mediates the endocytosis of plasma glycoproteins to which the terminal sialic acid residue on their complex carbohydrate moieties has been removed. The receptor recognizes terminal galactose and N-acetylgalactosamine units. After ligand binding to the receptor, the resulting complex is internalized and transported to a sorting organelle, where receptor and ligand are disassociated. The receptor then returns to the cell membrane surface. Calcium is required for ligand binding.

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