# Recombinant ASGR1 Monoclonal Antibody

**catalog number: AN301439L**

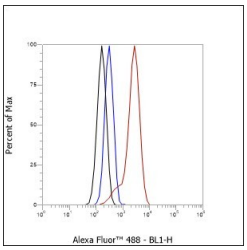
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

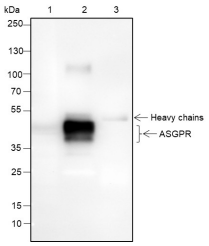
| | |
|---|---|
| **Reactivity** | Human; |
| **Immunogen** | Recombinant human ASGR1 fragment |
| **Host** | Rabbit |
| **Isotype** | IgG, κ |
| **Clone** | A134 |
| **Purification** | Protein A purified |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

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

## Data



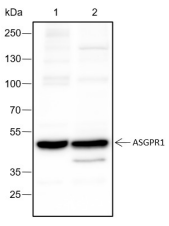

Flow cytometric analysis of human ASGR1 expression on HepG2 cells. Cells were stained with purified anti-Human ASGR1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.




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**

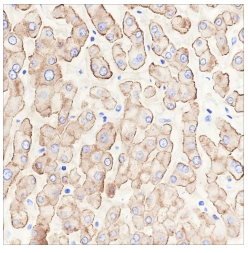
**Calculated-MW:33 kDa**




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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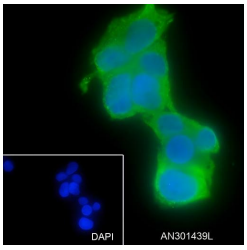


Immunofluorescent analysis of (4% Paraformaldehyde) fixed HepG2 cells using anti-ASGR1 Monoclonal Antibody at dilution of 1:50.

## Preparation & Storage

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|---|---|
| **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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