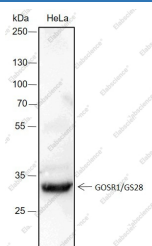


Recombinant GOSR1/GS28 Monoclonal Antibody

catalog number: **AN301536L**

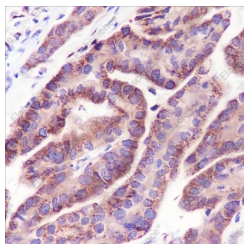
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human GOSR1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111159
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:1000
IHC-P	1:100
ICC/IF	1:100
FCM	1:100
Data	

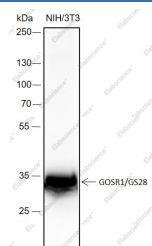
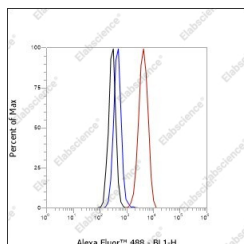


Western Blot with GOSR1/GS28 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

Observed-MW:28 kDa
Calculated-MW:29 kDa

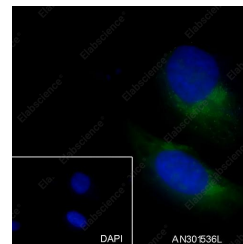


Immunohistochemistry of paraffin-embedded Human gastric cancer using GOSR1/GS28 Monoclonal Antibody at dilution of 1:100.



Western Blot with GOSR1/GS28 Monoclonal Antibody at dilution of 1:2000. Lane 1: NIH/3T3

Observed-MW:28 kDa
Calculated-MW:29 kDa



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-GOSR1/GS28 Monoclonal Antibody at dilution of 1:50.

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Toll-free: 1-888-852-8623
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Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.4

Flow cytometric analysis of human GOSR1/GS28 expression on HeLa cells. Cells were stained with purified anti-Human GOSR1/GS28, 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.

Preparation & Storage

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

Background

Involved in transport from the ER to the Golgi apparatus as well as in intra-Golgi transport. It belongs to a super-family of proteins called t-SNAREs or soluble NSF (N-ethylmaleimide-sensitive factor) attachment protein receptor. May play a protective role against hydrogen peroxide induced cytotoxicity under glutathione depleted conditions in neuronal cells by regulating the intracellular ROS levels via inhibition of p38 MAPK (MAPK11, MAPK12, MAPK13 and MAPK14). Participates in docking and fusion stage of ER to cis-Golgi transport. Plays an important physiological role in VLDL-transport vesicle-Golgi fusion and thus in VLDL delivery to the hepatic cis-Golgi.

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