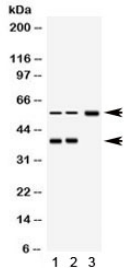
AHSG Antibody / Fetuin-A (R31869)

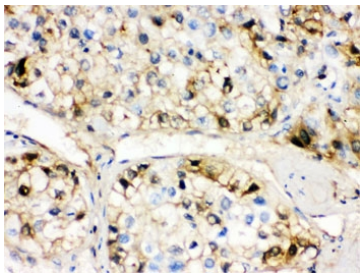
Catalog No.	Formulation	Size
R31869	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

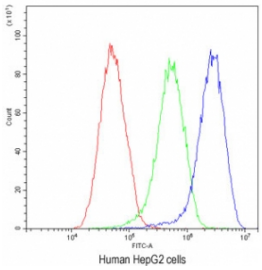
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	P02765
Localization	Secreted
Applications	Western blot: 0.1-0.5ug/ml IHC (FFPE): 0.5-1ug/ml FACS: 1-3ug/10^6 cells ELISA: 0.1-0.5ug/ml (human protein tested); request BSA-free format for coating
Limitations	This AHSG antibody is available for research use only.



Western blot testing of 1) rat brain, 2) human RH35 and 3) human MCF7 lysate with AHSG antibody. Expected molecular weight ~39 (unmodified), 45-55 kDa (glycosylated).



IHC testing of FFPE human liver cancer tissue with AHSG antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



Flow cytometry testing of human HepG2 cells with AHSG antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= AHSG antibody.

Description

Alpha-2-HS-glycoprotein (AHSG), also known as Fetuin-A, is a protein that in humans is encoded by the AHSG gene. Fetuin-A belongs to the fetuin class of plasma binding proteins and is more abundant in fetal than adult blood. Its gene is mapped to 3q27. The protein is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue.

Application Notes

Optimal dilution of the AHSG antibody should be determined by the researcher.

Immunogen

Amino acids DDPETEEAALVAIDYINQNLPWGYKHTLNQIDE of human AHSG were used as the immunogen for the AHSG antibody.

Storage

After reconstitution, the AHSG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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