

PRODUCT DATA SHEET

Fetuin-B Human (HEK), Sheep Polyclonal Antibody

Cat. No.: RD184172100

Size: 0.1 mg

Source of Antigen: HEK293

Type: Polyclonal Antibody

Host: Sheep

Other Names:

16G2, Fetuin-like protein IRL685, Gugu, FETUB

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human Fetuin-B.

Amino Acid Sequence of Immunogen:

MW: 41.8 kDa (calculated), migrates at ~ 55 kDa on SDS-PAGE; N-terminal linker (4 extra AA highlighted), C-terminal His-tag (6 extra AA highlighted).

HSHVCGAMSP PQLALNPSAL LSRGCNDS DV LAVAGFALRD INKDRKDG YV
LRLNRVND AQ EYRRGGLGSL FYLTLDVLET DCHVLRKKAW QDCGMRIFFE SVYGQCKAIF
YMNNPSRVLY LAAYNCTLRP VSKKKIY MTC PDCPSSIPTD SSNHQVLEAA TESLAKYNNE
NTSKQYSLFK VTRASSQWV V GPSYFVEYLI KESPCTKSQA SSCSLQSSDS VPVGLCKGSL
TRTHWEKFVS VTCDFEFESQA PATGSENSAV NQKPTNLPKV EESQQKNTPP
TDSPSKAGPR GSVQYLPDL D DKNSQEKG PQ EAFPVHLDLT TNPQGETLDI SFLFLEPMEE
KLVVLPFPKE KARTAECGP AQNASPLVLP PHHHHHH

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Fetuin-B.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. ****AZIDE FREE****.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C . Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C .

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA, Western blotting

Note:

This product is for research use only.