

PRODUCT DATA SHEET

Fetuin-B Human (HEK), Sheep Polyclonal Antibody

Cat. No.: RD184172100

Source of Antigen: HEK293

Host: Sheep

Size: 0.1 mg

Type: Polyclonal Antibody

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), C-terminal His-tag (6 extra AA).

HSHVCGAMSP PQLALNP SAL LSRGCNDS DV LAVAGFALRD INKDRKDG YV LRLNRVND AQ
EYRRGGLGSL FYLTLDVLET DCHVLRKKAW QDCGMRIFFE SVYGQCKAIF YMNNPSRVLY
LAAYNCTLRP VSKKKIYMT C PDCPSSIPTD SSNHQVLEAA TESLAKYNNE NTSKQYSLFK
VTRASSQWV GPSYFVEYLI KESPCTKSQA SSCSLQSSDS VPVGLCKGSL TRTHWEKFVS
VTCDFEFESQA PATGSENSAV NQKPTNLPKV EESQQKNTTP TDSPSKAGPR GSVQYLPDLD
DKNSQEKGPQ EAFPVHLDLT TNPQGETLDI SFLFLEPMEE KLVVLPFPKE KARTAECPP
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.

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.