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PRODUCT DATA SHEET

Fibroblast Growth Factor 19 Human, Sheep Polyclonal Antibody

Cat. No.: RD184107100
Source of Antigen: E. coli
Host: Sheep

Size: 0.1 mg
Type: Polyclonal Antibody

Other Names:
FGF-19, UNQ334/PRO533

Preparation:
The antibody was raised in sheep by immunization with recombinant Human FGF-19.

Amino Acid Sequence of Immunogen:

The immunization antigen (23 kDa) is a protein containing 206 AA of recombinant Human FGF-19. N-terminal His-tag, 14 extra AA.

MRGSHHHHHH GMASLAFSDA GPHVHYGWGD PIRLRHLYTS GPHGLSSCFL RIRADGVVDC
ARGQSAHSLL EIKAVALRTV AIKGVHSVRY LCMGADGKMQ GLLQYSEEDC AFEEEIRPDG
YNVYRSEKHR LPVSLSSAKQ RQLYKNRGFL PLSHFLPMLP MVPEEPEDLR GHLESDMFSS
PLETDSMDPF GLVTGLEAVR SPSFEK

Purification Method:
Immunoaffinity chromatography on a column with immobilized recombinant Human FGF-19.

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:
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.