

## PRODUCT DATA SHEET

### Fibroblast Growth Factor 19 Human, Rabbit Polyclonal Antibody

**Cat. No.:** RD181107100

**Size:** 0.1 mg

**Source of Antigen:** E. coli

**Type:** Polyclonal Antibody

**Host:** Rabbit

**Other Names:**

FGF-19, UNQ334/PRO533

**Preparation:**

The antibody was raised in rabbits against 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 (highlighted).

MRGSHHHHHH GMASLAFSDA GPHVHYGWGD PIRLRHLYTS GPHGLSSCFL  
RIRADGVVDC ARGQSAHSLI EIKAVALRTV AIKGVHVSRY 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. **\*\*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  $-20^{\circ}\text{C}$ . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at  $-80^{\circ}\text{C}$ . Reconstituted antibody can be stored at  $4^{\circ}\text{C}$  for a limited period of time; it does not show decline in activity after one week at  $4^{\circ}\text{C}$ .

**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.