

PAC918Hu01

Polyclonal Antibody to Fibroblast Growth Factor 21 (FGF21)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.43mg/mL

UOM: 100µg(233µL)

Cross Reactivity: Porcine

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant FGF21 (His29~Ser209) expressed in *E.coli*

Accession No.: RPC918Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-20µg/mL;

Immunocytochemistry: 5-20µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

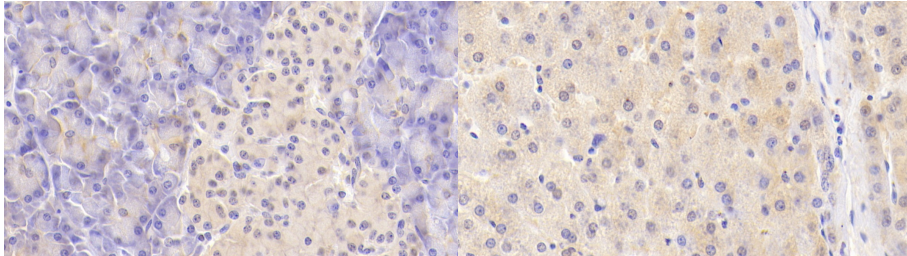
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

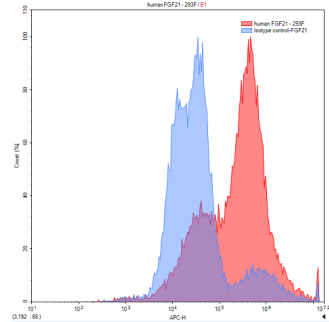
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

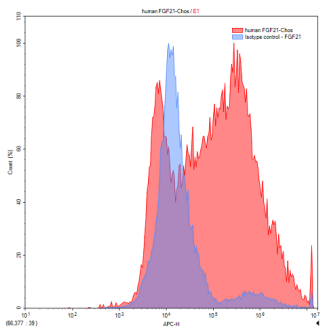


DAB staining on IHC-P; Samples: Human Pancreas Tissue; Primary Ab: 20?g/ml Rabbit Anti-Human FGF21 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Samples: Human Liver Tissue; Primary Ab: 20?g/ml Rabbit Anti-Human FGF21 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



293F line transfected with human FGF21 (Transient transfection) was stained with rabbit Anti-human FGF21 Polyclonal Antibody (Catalog # PAC918Hu01), filled red histogram) or Isotype control antibody (Catalog # IS067-Rb01, filled blue histogram), followed by CY5-conjugated Anti-rabbit IgG Secondary Antibody (Catalog # SAA544Rb11). Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100.



Chos line transfected with human FGF21 (Transient transfection) was stained with rabbit Anti-human FGF21 Polyclonal Antibody (Catalog # PAC918Hu01), filled red histogram) or

Isotype control antibody (Catalog # IS067-Rb01, filled blue histogram), followed by CY5-conjugated Anti-rabbit IgG Secondary Antibody (Catalog # SAA544Rb11). Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100.

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.