

bsm-52978R**[Primary Antibody]****BioSS**
ANTIBODIES

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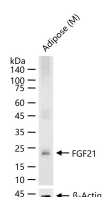
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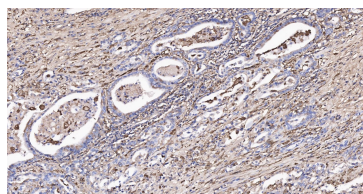
400-901-9800

FGF21 Recombinant Rabbit mAb**— DATASHEET —**

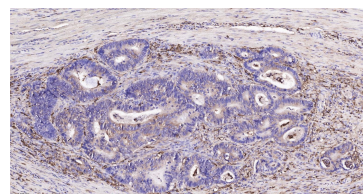
Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-5000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 20 kDa Observed MW.: 22 kDa Subcellular Location: Secreted
Clonality: Recombinant	CloneNo.: 7C4	
GeneID: 26291	SWISS: Q9NSA1	
Target: FGF21		
Immunogen: A synthesized peptide derived from human FGF21: 5-61.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: FGF21 is a growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin independent glucose uptake by adipocytes.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with FGF21 monoclonal antibody, unconjugated (bsm-52978R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FGF21 Monoclonal Antibody, Unconjugated (bsm-52978R) at 1:200 overnight at 4°C, followed by conjugation to the PV-1023 and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FGF21 Monoclonal Antibody, Unconjugated (bsm-52978R) at 1:200 overnight at 4°C, followed by conjugation to the PV-1023 and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=2.7]** Wei Han. et al. The Influence of the FGF8 Gene on the Proliferation and Differentiation of Preadipocytes in Sheep. ANIMALS. 2026 Apr;16(7):1121 WB ;Sheep. 41976100