

Datasheet for ABIN7426568
anti-FGF21 antibody (AA 29-209)



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3 Images

Overview

Quantity:	100 µL
Target:	FGF21
Binding Specificity:	AA 29-209
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Fibroblast Growth Factor 21 (FGF21)
Immunogen:	Recombinant Fibroblast Growth Factor 21 (FGF21) corresponding to His29~Ser209
Clone:	D4
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against FGF21. It has been selected for its ability to recognize FGF21 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

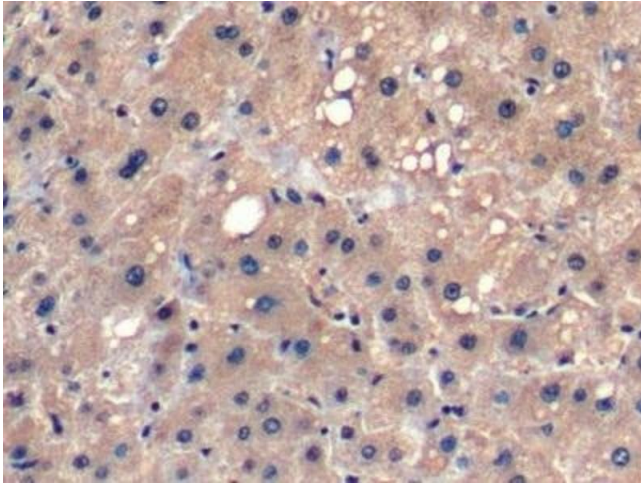
Target:	FGF21
Alternative Name:	Fibroblast Growth Factor 21 (FGF21 Products)
Pathways:	RTK Signaling

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	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.
Restrictions:	For Research Use only

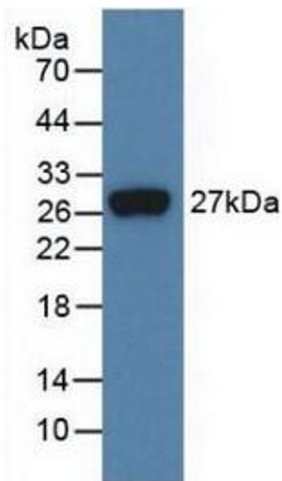
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



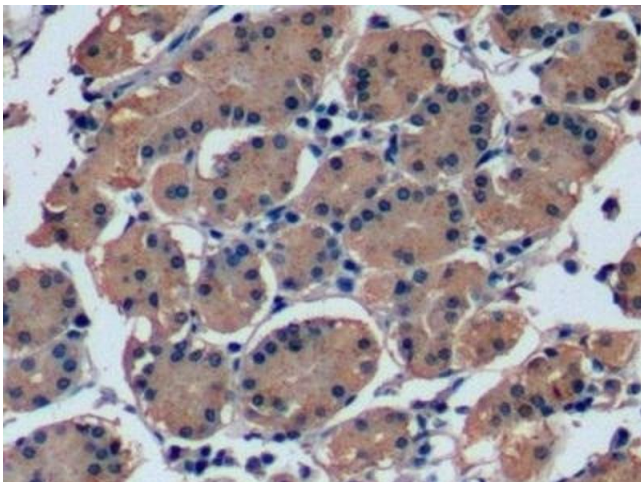
Immunohistochemistry

Image 1. Detection of FGF21 in Human Liver cancer Tissue using Monoclonal Antibody to Fibroblast Growth Factor 21 (FGF21)



Western Blotting

Image 2. Detection of Recombinant FGF21, Human using Monoclonal Antibody to Fibroblast Growth Factor 21 (FGF21)



Immunohistochemistry

Image 3. Detection of FGF21 in Human Stomach Tissue using Monoclonal Antibody to Fibroblast Growth Factor 21 (FGF21)