

Anti-FGF19 Rabbit Monoclonal Antibody
Catalog # ABO15845

Specification

Anti-FGF19 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	O95750
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-FGF19 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-FGF19 Rabbit Monoclonal Antibody - Additional Information

Gene ID 9965

Other Names

Fibroblast growth factor 19, FGF-19, FGF19

Calculated MW

36 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human FGF19

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-FGF19 Rabbit Monoclonal Antibody - Protein Information

Name FGF19

Function

Involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and ERK1/2 cascades. Stimulates glucose uptake in adipocytes. Activity requires the presence of KLB and FGFR4.

Cellular Location

Secreted.

Tissue Location

Expressed in fetal brain, cartilage, retina, and adult gall bladder.

Anti-FGF19 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FGF19 Rabbit Monoclonal Antibody - Images

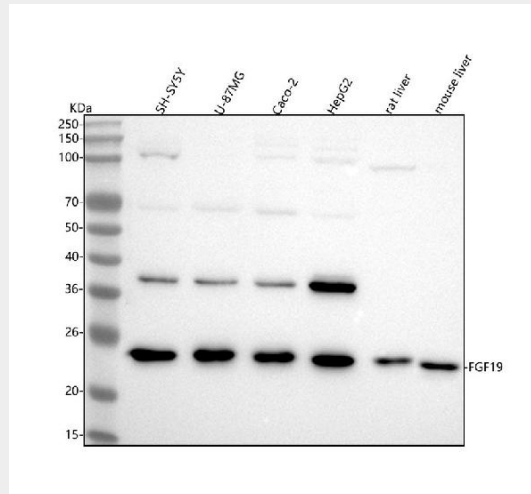


Figure 1. Western blot analysis of FGF19 using anti-FGF19 antibody (M01191).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human SH-SY5Y whole cell lysates,
Lane 2: human U-87MG whole cell lysates,
Lane 3: human CACO-2 whole cell lysates,
Lane 4: human HepG2 whole cell lysates,
Lane 5: rat liver tissue lysates,
Lane 6: mouse liver tissue lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was

incubated with rabbit anti-FGF19 antigen affinity purified monoclonal antibody (Catalog # M01191) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for FGF19 at approximately 24 kDa. The expected band size for FGF19 is at 24 kDa.