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Datasheet for ABIN523342

## anti-FGF19 antibody (AA 1-216)

2 Images

1 Publication

### Overview

Quantity:	100 µg
Target:	FGF19
Binding Specificity:	AA 1-216
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF19 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant FGF19.
Immunogen:	FGF19 (AAH17664, 1 a.a. ~ 216 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MRS GCVVHV WILAGLWLAV AGRPLAFSDA GPHVHYGWGD PIRLRHLYTS GPHGLSSCFL RIRADGVVDC ARGQSAHSL L EIKAVLR TV AIKGVH SVRY LCMGADGKMQ GLLQYSEEDC AFEEEIRPDG YNVYRSEKHR LPVSLSSAKQ RQLYKNRGFL PLSHFLPMLP MVPEEPEDLR GHLESDMFSS PLETDSMDPF GLVTGLEAVR SPSFEK
Clone:	4C4
Isotype:	IgG1
Cross-Reactivity:	Human

## Product Details

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Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

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Target: FGF19

Alternative Name: FGF19 ([FGF19 Products](#))

Background: Full Gene Name: fibroblast growth factor 19  
Synonyms:

Gene ID: 9965

Pathways: [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

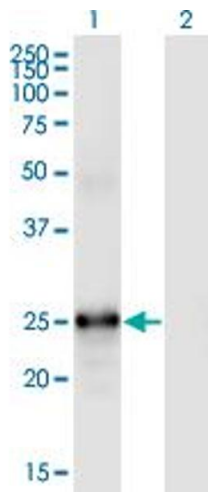
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in: Shang, Guo, Honda, Saumoy, Salen, Xu: "FGF15/19 protein levels in the portal blood do not reflect changes in the ileal FGF15/19 or hepatic CYP7A1 mRNA levels." in: **Journal of lipid research**, Vol. 54, Issue 10, pp. 2606-14, (2013) ([PubMed](#)).

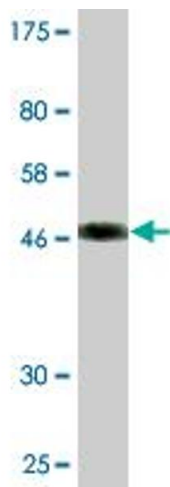


#### Western Blotting

**Image 1.** Western Blot analysis of FGF19 expression in transfected 293T cell line by FGF19 monoclonal antibody (M01), clone 4C4.

Lane 1: FGF19 transfected lysate (Predicted MW: 24 KDa).

Lane 2: Non-transfected lysate.



#### Western Blotting

**Image 2.** Western Blot detection against Immunogen (49.5 KDa).