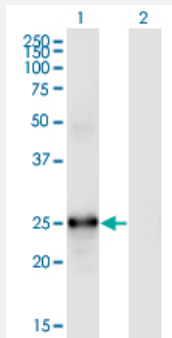


# FGF19 monoclonal antibody (M01), clone 4C4

Catalog # H00009965-M01

Size 100 ug

## Applications

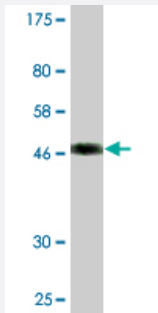


### Western Blot (Transfected lysate)

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 Blot detection against Immunogen (49.5 KDa) .

## Specification

Product Description	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	MRSGCVVHVHWILAGLWLAVAGRPLAFSDAGPHVHYGWDPIRLRHLYTSGPHGLSSCFLRIRADGVVDCARGQSAHSLLEIKAVLRRTVAIKGVHVSRYLCMGADGKMQGLLQYSEEDCAFEERPDGYNVYRSEKHRLPVSLSSAKQRQLYKNRGFLPLSHFLPMLPMVPEEPEDLRGHLESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEK
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (50); Rat (52)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (49.5 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — FGF19

Entrez GeneID	<a href="#">9965</a>
GeneBank Accession#	<a href="#">BC017664</a>
Protein Accession#	<a href="#">AAH17664</a>
Gene Name	FGF19
Gene Alias	-
Gene Description	fibroblast growth factor 19
Omim ID	<a href="#">603891</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes including embryonic development cell growth, morphogenesis, tissue repair, tumor growth and invasion. This growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development. [provided by RefSeq]

**Other Designations**

-

**Publication Reference**

- [Fibroblast Growth Factor Binding Protein 3 \(FGFBP3\) impacts carbohydrate and lipid metabolism.](#)

Tassi E, Garman KA, Schmidt MO, Ma X, Kabbara KW, Uren A, Tomita Y, Goetz R, Mohammadi M, Wilcox CS, Riegel AT, Carlstrom M, Wellstein A.

Scientific Reports 2018 Oct; 8(1):15973.

Application: WB-Re, Recombinant protein

- [FGF15/19 protein levels in the portal blood do not reflect changes in the ileal FGF15/19 or hepatic CYP7A1 mRNA levels.](#)

Shang Q, Guo GL, Honda A, Saumoy M, Salen G, Xu G.

Journal of Lipid Research 2013 Oct; 54(10):2606.

Application: ELISA, Rabbit, Plasma

**Pathway**

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)