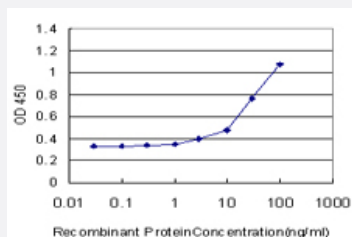


# FGF21 monoclonal antibody (M05), clone 3E8

Catalog # H00026291-M05

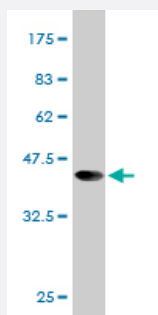
Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FGF21 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (45.54 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a full length recombinant FGF21.

### Immunogen

FGF21 (AAH18404, 30 a.a. ~ 209 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

PIPDSSPLLQFGGQVRQRYLYTDDAQQTEAHLEIREDGTVGGAADQSPESLLQLKALKPGVILG  
VKTSRFLCQRPDGALYGSLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSPHRDPAPR  
GPARFLPLPGLPPAPPEPPGILAPQPPDVGSSDPLSMVGPSQGRSPSYAS

### Host

Mouse

### Reactivity

Human

Interspecies Antigen Sequence	Mouse (79); Rat (79)
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.54 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FGF21 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — FGF21

Entrez GeneID	<a href="#">26291</a>
GeneBank Accession#	<a href="#">BC018404</a>
Protein Accession#	<a href="#">AAH18404</a>
Gene Name	FGF21
Gene Alias	-
Gene Description	fibroblast growth factor 21
Omim ID	<a href="#">609436</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. The function of this growth factor has not yet been determined. [provided by RefSeq]

**Other Designations**

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## Pathway

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