

## FGF21 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a full-length recombinant FGF21.

Catalog # AT2034a

### Specification

#### FGF21 Antibody (monoclonal) (M04) - Product Information

|                   |                          |
|-------------------|--------------------------|
| Application       | WB                       |
| Primary Accession | <a href="#">Q9NSA1</a>   |
| Other Accession   | <a href="#">BC018404</a> |
| Reactivity        | Human                    |
| Host              | mouse                    |
| Clonality         | Monoclonal               |
| Isotype           | IgG1 Kappa               |
| Calculated MW     | 22300                    |

#### FGF21 Antibody (monoclonal) (M04) - Additional Information

Gene ID 26291

#### Other Names

Fibroblast growth factor 21, FGF-21, FGF21

#### Target/Specificity

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

#### Dilution

WB~~1:500~1000

#### Format

Clear, colorless solution in phosphate  
buffered saline, pH 7.2 .

#### Storage

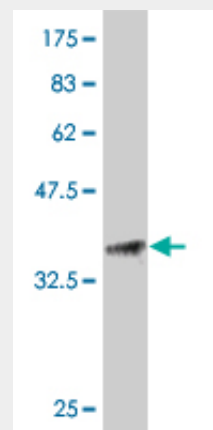
Store at -20°C or lower. Aliquot to avoid  
repeated freezing and thawing.

#### Precautions

FGF21 Antibody (monoclonal) (M04) is for  
research use only and not for use in  
diagnostic or therapeutic procedures.

#### FGF21 Antibody (monoclonal) (M04) - Protocols

Provided below are standard protocols that you



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.54 KDa) .

#### FGF21 Antibody (monoclonal) (M04) - Background

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.

#### FGF21 Antibody (monoclonal) (M04) - References

FGF21 signalling pathway and metabolic traits - genetic association analysis. Kaess BM, et al. Eur J Hum Genet, 2010 Aug 18. PMID 20717167. Daily physical activity, fasting glucose, uric acid, and body mass index are independent factors associated with serum fibroblast growth factor 21 levels. Cuevas-Ramos D, et al. Eur J Endocrinol, 2010 Sep. PMID 20566587. Increased fibroblast growth factor 21 in obesity and nonalcoholic fatty liver disease. Dushay J, et al.

may find useful for product applications.

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

Gastroenterology, 2010 Aug. PMID 20451522. Regulation of FGF21 expression and secretion by retinoic acid receptor-related orphan receptor alpha. Wang Y, et al. J Biol Chem, 2010 May 21. PMID 20332535. Fibroblast growth factor-21 may mediate growth hormone resistance in anorexia nervosa. Fazeli PK, et al. J Clin Endocrinol Metab, 2010 Jan. PMID 19926712.