

## Anti-FGF21 Antibody (4A664)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 20 kDa. Actual: 22 kDa.
Clone:	4A664
Purification:	Protein A purified

### Applications

1. 25 ug total protein per lane of various lysates (see on figure) probed with FGF21 monoclonal antibody, unconjugated (TMAB-05990) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Mouse Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FGF21 Monoclonal Antibody, Unconjugated (TMAB-05990) at 1:250 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FGF21 Monoclonal Antibody, Unconjugated (TMAB-05990) at 1:250 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FGF21 Monoclonal Antibody, Unconjugated (TMAB-05990) at 1:250 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FGF21 Monoclonal Antibody, Unconjugated (TMAB-05990) at 1:250 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FGF21 Monoclonal Antibody, Unconjugated (TMAB-05990) at 1:250 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Fundus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with FGF21 Monoclonal Antibody, Unconjugated (TMAB-05990) at 1:250 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
- Verified Activity:
- Application: WB,IHC-P,IHC-Fr,IF

## A DRUG SCREENING EXPERT

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Recommended WB=1:1000-5000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

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### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: A synthesized peptide: human FGF21

Antigen Species: Human

Gene ID: 26291

Uniprot ID: Q9NSA1

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### Research Background

FGF21 is a growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin independent glucose uptake by adipocytes.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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