



## Anti Human Fibroblast Growth Factor 21 (FGF21) Monoclonal Antibody

### Product Information

Code	A00145-01-100
Name	Human FGF21 Mab
Clone No.	2E1E7
Lot No.	
Size	100 µg
Species	Human
Host	Mouse
Immunogen	Human FGF21, rec.
Ab Type	IgG
Purification	sequential precipitation
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	N/A
Application	ELISA [capture]

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### Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, E. coli-derived, recombinant human FGF21, His Tag on N-Terminal. That antibody was purified by sequential precipitation caprylic acid and ammonium sulphate.

### Formulation

100 µg of mouse IgG in 100 µl of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a antibody stocking solution (100µg/ml). Stores it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted ( by 10 µL per vial) and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize human FGF21 in indirect ELISAs. But it does not show any crossreactivity with human FGF19 and FGF23.

### Applications

**Indirect ELISA** - This antibody can be used at 1:512000 to detect human FGF21 on indirectly ELISA.

**ELISA Assay** - This antibody can be used as a capture antibody in a human FGF21 sandwich immunoassay in combination with the human FGF21 detection antibody (Code No.: A00145-12-50B) and recombinant human FGF21 (Code No.: 00145-01-100) as the standard. The suggested concentration range for this capture antibody is 2 µg/mL and should be titrated to determine the optimal concentration.

*Optimal dilutions should be determined by each laboratory for each application.*