



Anti Human Fibroblast Growth Factor 21 (FGF21) Monoclonal Antibody

Product Information

Code	A00145-07-100
Name	Human FGF21 Mab
Clone No.	1F10A3D7
Lot No.	
Size	100 µL
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	100 µl
Application	ELISA WB

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 Protein G affinity.

Formulation

100 µL of mouse IgG in PBS lyophilized form.

Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a antibody stocking solution (100µL). 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 1:4000 to detect human FGF21 on indirectly ELISA.

Western Blot- This antibody can be used at 1:500~ 1000 with the appropriate secondary antibody to detect FGF-21 on human HEK293 cells transfected with human FGF-21 cDNA under reduce condition.

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

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