AVISCERA BIOSCIENCE

Anti Human FGF23 N-Terminal Peptide Monoclonal Antibody (A6F12)

Product Information

Code	A00147-31-100
Name	Anti Human FGF23 NT Peptide Monoclonal Antibody
Clone No.	A6F12
Lot No.	
Size	100 μg
Species	Human
Host	Mice
Immunogen	Human FGF23, (25-178) rec.
Ab Type	IgG
Purification	Protein G
Formulation	lyophilized Form without preservatives
Carry	free
Storage	-20 ° C
Specificity	Human FGF23 NT Peptide
Reconstitution	100 μl
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 recombinant human FGF-23 N Terminal Fragment (Try25-Ala141). This antibody was purified by Protein G affinity.

Formulation

100 μg of Anti human FGF-23 NT Peptide Monoclonal Antibody in 100μl of PBS lyophilized form.

Reconstitution and Storage

Add 100 μl deionized water to the vial to prepare an antibody stocking solution (1000μg/ml). Store the lyophilized Antibody at -20 °C for 10 months. Store the reconstituted antibody at -20 °C for 2 months.

Specificity

This antibody has been selected for its ability to recognize human FGF 23 NT Peptide (25-141) or human FGF23 Intact (25-251) in indirect ELISA. But it does not show any cross-reactivity with human FGF23 CT Peptide (180-251) FGF19 and FGF21.

Applications

Indirect ELISA - This antibody can be used at 0.125 ~ 1 μg/ml to detect the FGF23 NT Peptide (25-141) on the pre-coated microplates in indirect ELISA.

ELISA - This antibody can be used as capture antibody at 3 ~ 4 μg/mL combines with:

1. Biotinylated Anti human FGF23 NT Peptide Monoclonal Antibody (A10H4) (A00147-34-50B) or Biotinylated Anti human FGF23 NT Peptide Monoclonal Antibody (A6D9) (A00147-33-50B) to detect the recombinant Human FGF23 NT Peptide (25-141) (00147-08-100) in ELISA.
2. Biotinylated anti human FGF23 IgG to detect the human FGF23 Intact (25-251) in ELISA.

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