

Mouse anti-Human FGF23 Monoclonal Antibody | anti-FGF23 antibody

FGF23 (Fibroblast Growth Factor 23)

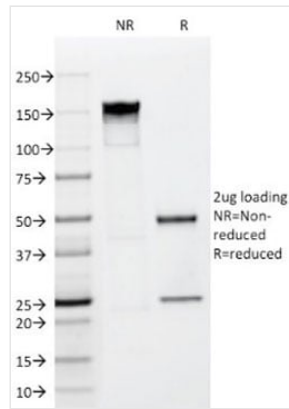
CATALOG # AAA62509	HOST Mouse	REACTIVITY Human	APPLICATIONS Functional Assay, ELISA
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PRODUCT SYNONYMS

FGF23; Monoclonal Antibody; FGF23 (Fibroblast Growth Factor 23); ADHR; FGF-23; FGFN; Fibroblast growth factor 23; HPDR2; HYPF; Phosphatonin; PHPTC; Tumor-derived hypophosphatemia-inducing factor; anti-FGF23 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	FGF23/638
Form/Format	1.0mg/mL of Ab purified from Bioreactor Concentrate by Protein A/G.
Sequence Length	251
Applicable Applications for anti-FGF23 antibody	FA (Functional Assay), ELISA
Cellular Localization	Secreted (extracellular)
Positive Control	Human PBL cells or brain tumors
Human Chromosomal Location	12p13.32
Immunogen	Recombinant human FGF23 protein
Quantity and Buffer	0.5 ml at 200ug/ml with BSA and azide
Preparation and Storage	Antibody without azide - store at -20°C to -80°C. Non-hazardous. No MSDS required.



WB (Western Blot)
SDS-PAGE Analysis Purified FGF23 Mouse Monoclonal antibody (FGF23/638). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-FGF23 antibody	Fibroblast growth factor-1 (FGF-1), also designated acidic FGF, and fibroblast growth factor-2 (FGF-2), also designated basic FGF, are members of a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Additional members of the FGF family include the oncogenes FGF-3 (Int2) and FGF-4 (hst/Kaposi), FGF-5, FGF-6, FGF-7 (KGF), FGF-8 (AIGF), FGF-9 (GAF) and FGF-10 through FGF-23. Members of the FGF family share 30-55% amino acid sequence identity and similar gene structure, and are capable of transforming cultured cells when overexpressed in trans- fected cells. Cellular receptors for FGFs are members of a second multigene family, including four tyrosine kinases designated Flg (FGFR-1), Bek (FGFR-L), TKF and FGFR-3.
References	1. Yamashita, T., et al. 2000. Identification of a novel fibroblast growth factor, FGF-23, preferentially expressed in the ventrolateral thalamic nucleus of the brain. Biochem. Biophys. Res. Commun. 277: 494-498.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10190674
NCBI GeneID	8074
NCBI Accession #	NP_065689.1
NCBI GenBank Nucleotide #	NM_020638.2
UniProt Accession #	Q9GZV9; Q4V758
Molecular Weight	12-32kDa
NCBI Official Full Name	fibroblast growth factor 23
NCBI Official Synonym Full Names	fibroblast growth factor 23
NCBI Official Symbol	FGF23
NCBI Official Synonym Symbols	ADHR; FGFN; HYPF; HPDR2; PHPTC
NCBI Protein Information	fibroblast growth factor 23; phosphatonin; tumor-derived hypophosphatemia inducing factor
UniProt Protein Name	Fibroblast growth factor 23
UniProt Gene Name	FGF23
UniProt Synonym Gene Names	HYPF; FGF-23
UniProt Entry Name	FGF23_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fgf23-antibody-clone-fgf23-638-functional-assay-elisa/62509>