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36-3406: Anti-FGF23 (Fibroblast Growth Factor 23) Monoclonal Antibody(Clone: FGF23/638)

Clonality :	Monoclonal
Clone Name :	FGF23/638
Application :	ELISA,Functional Assay
Reactivity :	Human
Gene :	FGF23
Gene ID :	8074
Uniprot ID :	Q9GZV9
Alternative Name :	ADHR; FGF-23; FGFN; Fibroblast growth factor 23; HPDR2; HYPF; Phosphatonin; PHPTC; Tumor-derived hypophosphatemia-inducing factor
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Recombinant human FGF23 protein

Description

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 throÂµgh 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating, order Ab without BSA); Functional Studies (Order Ab without BSA & Azide);

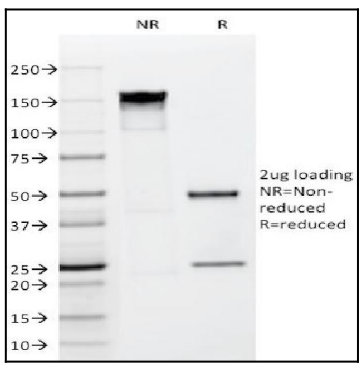


Fig. 1: SDS-PAGE Analysis Purified FGF23 Mouse Monoclonal antibody (FGF23/638). Confirmation of Purity and Integrity of Antibody.

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