

Datasheet for ABIN6937228 **anti-FGF23 antibody**



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Overview

Quantity:	100 µg
Target:	FGF23
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF23 antibody is un-conjugated
Application:	ELISA, Coating (Coat), Functional Studies (Func)

Product Details

Immunogen:	Recombinant human FGF23 protein
Clone:	FGF23-638
Isotype:	IgG1 kappa
Specificity:	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.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	FGF23
Alternative Name:	FGF23 (FGF23 Products)
Background:	ADHR, FGF-23, FGFN, Fibroblast growth factor 23, HPDR2, HYPF, Phosphatonin, PHPTC, Tumor-derived hypophosphatemia-inducing factor,FGF23 (Fibroblast Growth Factor 23) Cellular localisation: Secreted (extracellular)
Molecular Weight:	12-32kDa
Gene ID:	8074, 287370
UniProt:	Q9GZV9
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Known_Application: ELISA (For coating, order Ab without BSA), Functional Studies (Order Ab without BSA & Azide), Optimal dilution for a specific application should be determined. Positive_Control: Human PBL cells. Brain tumors.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months