



Datasheet for ABIN6940947

anti-FGF23 antibody



[Go to Product page](#)

1 Image

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
Purification:	Purified by Protein A/G

Target Details

Target:	FGF23
Alternative Name:	FGF23 (FGF23 Products)
Background:	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,

Target Details

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.

Molecular Weight: 12-32kDa

Gene ID: 8074

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: Positive Control: Human PBL cells. Brain tumors.
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.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

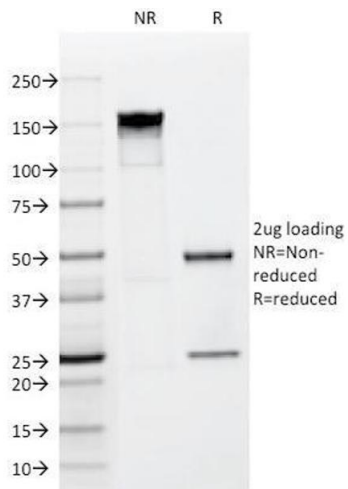
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: 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. No MSDS required.

Expiry Date: 24 months



SDS-PAGE

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