Datasheet for ABIN3201492

anti-FGF23 antibody (AA 24-126)

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Overview

Quantity:	100 µL
Target:	FGF23
Binding Specificity:	AA 24-126
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FGF23 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Fibroblast Growth Factor 23 (FGF23)
Immunogen:	Recombinant Fibroblast Growth Factor 23 (FGF23)
Sequence:	MGHHHHHHSG SEF- AYPNASP LLGSSWGGLI HLYTATARNS YHLQIHKNGH VDGAPHQTIY SALMIRSEDA GFVVITGVMS RRYLCMDFRG NIFGSHYFDP ENCRFQHQTL ENGYDV
Clone:	1-2#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against FGF23. It has been selected for its ability to recognize FGF23 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	FGF23
Alternative Name:	FGF23 (FGF23 Products)
Background:	ADHR, HYPF, HPDR2, PHPTC, Phosphatonin, Tumor-derived hypophosphatemia-inducing factor
Pathways:	RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

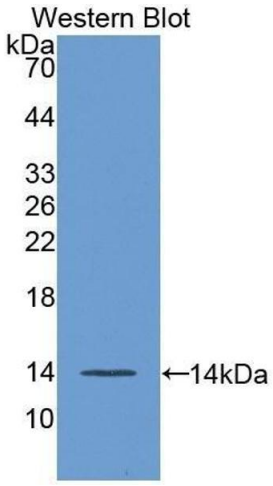
Handling

Format:	Liquid
Concentration:	0.79 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze/thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Handling

Expiry Date:	24 months

Images



Western Blotting

Image 1.