

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse FGF-23 in direct ELISAs and Western blots. Does not cross-react with recombinant human (rh) FGF acidic, rhFGF basic, rhFGF-3, -4, -5, -6, -7, -9, -10, -11, -12, -13, -16, -17, -18, -19, -20, -21, recombinant mouse (rm) FGF-8b,
Source	Monoclonal Rat IgG _{2B} Clone # 283511
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse FGF-23 Tyr25-Val251 (Arg179Gln) Accession # Q9EPC2
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

FGF-23 is a secreted protein primarily expressed in the brain and thymus. Mutations in FGF-23 produced by osteomalacia tumors are linked to autosomal dominant hypophosphatemic rickets and several bone structure disorders.

PRODUCT SPECIFIC NOTICES

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