

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FGF R3 (IIIc) in direct ELISAs and Western blots. In direct ELISAs, 100% cross-reactivity with recombinant human (rh) FGF R2 (IIIc), recombinant mouse (rm) FGF R2 (IIIc) and rmFGF R3 (IIIc) is observed. In Western blots (non-reducing conditions)
Source	Monoclonal Mouse IgG ₁ Clone # 136312
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Pool of NS0-derived recombinant human FGF R3 alpha (IIIb) and Sf21-derived FGF R3 alpha (IIIc)
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.
Flow Cytometry	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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 R3 is a type I transmembrane tyrosine kinase receptor that binds FGF ligands along with heparin or heparin sulfate proteoglycans as co-factors. A segment of the membrane proximal Ig-like domain can be encoded by two different exons resulting in (IIIb) or (IIIc) isoforms. The IIIb or IIIc isoforms recognize FGF-1, -2, -4, -8b, -8e, -8f, -9 and -17b. FGF R3 plays a role in skeletal, brain, lung, intestine, kidney, and skin development.

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