

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FGF R3 (IIIb) in direct ELISAs. In direct ELISAs, approximately 25-50% cross-reactivity with recombinant mouse FGF R3 (IIIb) is observed and 12% with recombinant human (rh) FGF R4 is observed and no cross-
Source	Monoclonal Mouse IgG ₁ Clone # 136315
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 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

Neutralization 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

Fibroblast Growth Factor Receptor 3 (FGF R3) is a type I transmembrane tyrosine kinase receptor that binds FGF ligands along with heparin or heparin sulfate proteoglycans as cofactors. 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.

PRODUCT SPECIFIC NOTICES

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