Human FGFR2 Alexa Fluor® 532-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 98742

Catalog Number: FAB6842X

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects all isoforms of human FGF R2 in direct ELISAs and Western blots. Does not cross-react with any isoform of mouse FGF R2 or human FGF R1, FGF R3, or FGF R4.
Source	Monoclonal Mouse IgG_1 Clone # 98742
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*S. frugiperda* insect ovarian cell line *Sf* 21-derived recombinant human FGF R2 isoforms and Mouse myeloma cell line NS0-derived recombinant human FGF R2 isoforms
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 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 R2 is one of four closely related transmembrane tyrosine kinases (FGF R1-4) that fuction as receptors for the fibroblast growth factor family. Multiple isoforms are generated by alternative mRNA splicing resulting in extracellular domains with three (α isoforms) or two (β isoforms) Ig-like domains. In addition, alternative exon usage in the Ig III (membrane proximal) domain results in IIIb or IIIc isoforms.

PRODUCT SPECIFIC NOTICES

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475