Human FGF R2
Alexa Fluor® 700-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 98739

Catalog Number: FAB6843N

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects all isoforms of human FGF R2 (α and β, IIIb and IIIc). In direct ELISAs, approximately 25-50% cross-reactivity with mouse FGF R2 and no cross-reactivity with any isoform of recombinant human (rh) FGF R1, rhFGF R3, or rhFGF R4 is observed.
Source	Monoclonal Mouse IgG_1 Clone # 98739
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 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	Kato III human cell line

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 2 (FGF R2) is one of four closely related transmembrane tyrosine kinases (FGF R1-4) that function 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.

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