Human FGFR3
Alexa Fluor® 647-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 136334

Catalog Number: FAB766R

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects the IIIb and IIIc isoforms of human FGF R3 in direct ELISAs and Western blots. Does not cross-react with any isoforms of recombinant mouse (rm) FGF R3, rmFGF R2, recombinant human (rh) FGF R1, rhFGF R2, or rhFGF R4.
Source	Monoclonal Mouse IgG_1 Clone # 136334
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0- and Sf21-derived recombinant human FGF R3α (IIIb)
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 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.

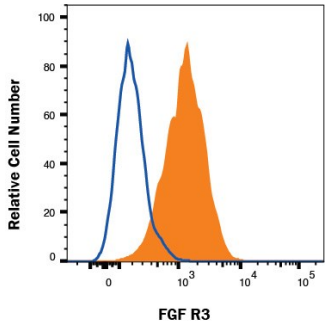
APPLICATIONS

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	K562 human chronic myelogenous leukemia cell line

DATA

Flow Cytometry



Detection of FGF R3 in K562 Human Cell Line by Flow Cytometry. K562 human chronic myelogenous leukemia cell line was stained with Mouse Anti-Human FGF R3 Alexa Fluor® 647-conjugated Monoclonal Antibody (Catalog # FAB766R, filled histogram) or isotype control antibody (Catalog # IC002R, open histogram). Staining was performed using our Staining Membrane-associated Proteins protocol.

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 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.

PRODUCT SPECIFIC NOTICES

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