

Mouse anti-Human FGFR-2 (IIIB) Monoclonal Antibody | anti-FGFR-2 antibody

FGFR-2 (IIIB)

CATALOG # AAA79332	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

FGFR-2 (IIIB); Monoclonal Antibody; Fgfr2; Bek; sv5; KGFR; Fgfr7; Fgfr-2; Fgfr-7; KGFRTr; AU043015; AW556123; anti-FGFR-2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5F48
Purity/Purification	Protein G chromatography
Form/Format	lyophilized; PBS
Applicable Applications for anti-FGFR-2 antibody	WB (Western Blot)
Antigen	Human recombinant FGF-R2 isoforms EC domain
Reconstitution	Reconstitute the antibody with 500 ul sterile PBS and the final concentration is 200 ug/ml.
Preparation and Storage	Lyophilized samples are stable for 2 years from date of receipt when stored at -70 degree C. Reconstituted antibody can be aliquoted and stored frozen at < -20 degree C for at least for six months without detectable loss of activity.

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR-2 antibody	Four distinct genes encoding closely related FGF receptors, FGF R1-4, are known. All four genes for FGF Rs encode proteins with an N-terminal signal peptide, three immunoglobulin (Ig) like domains, an acidbox region containing a run of acidic residues between the IgI and IgII domains, a transmembrane domain and the split tyrosinekinase domain. Multiple forms of FGF R1-3 are generated by alternative splicing of the mRNAs. A frequent splicing event involving FGF R1 and 2 results in receptors containing all three Ig domains, referred to as the alpha isoform, or only IgII and IgIII, referred to as the beta isoform. Only the alpha isoform has been identified for FGF R3 and FGF R4. Additional splicing events for FGF R13, involving the C-terminal half of the IgIII domain encoded by two mutually exclusive alternative exons, generate FGF receptors with alternative IgIII domains (IIIb and IIIc). A IIIa isoform which is a secreted FGF binding protein containing only the N-terminal half of the IgIII domain plus some intron sequences has also been reported for FGF R1. Mutations in FGF R13 have been found in patients with birth defects involving craniosynostosis. The complex patterns of expression of these receptors as well as the specificity of their interactions with the various FGF ligand family members are under permanent investigation.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	14183
NCBI Accession #	NP_963895
NCBI GenBank Nucleotide #	NM_201601

UniProt Accession #	P21803
UniProt Protein Name	Fibroblast growth factor receptor 2
UniProt Gene Name	Fgfr2
UniProt Synonym Gene Names	Bek; Ect1; FGFR-2; KGFR
UniProt Entry Name	FGFR2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fgfr-2-iiib-antibody-clone-5f48-western-blot-elisa/79332>