FGFR2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FGFR2, Monoclonal Antibody
Full Product Name	FGFR2 (Fibroblast Growth Factor Receptor 2, BEK, BFR-1, CD332, CEK3, CFD1, ECT1, FLJ98662, JWS, K-SAM, KGFR, TK14, TK25) (MaxLight 490
Product Gene Name	anti-FGFR2 antibody
Product Synonym Names	Fibroblast Growth Factor Receptor 2; BEK; BFR-1; CD332; CEK3; CFD1; ECT1; FLJ98662; JWS; K-SAM; KGFR; TK14; TK25
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2C11
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified
Specificity	Recognizes FGFR2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recov product, centrifuge the original vial prior to removing the cap.
Immunogen	FGFR2 (AAH39243, 621aa-723aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GHRMDKPANCTNELYMMMRDCWHAVPSQRPTFKQLVEDLDRILTLTTNEEYLDLSQPLEQYSPSYPDTRSSCSSGDDSVFSPDPMPYEPCLPQYPHIN
Conjugate	MaxLight490
Product Categories/Family for anti-FGFR2 antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-FGFR2 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-FGFR2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FGFR2 antibody	The protein encoded by this gene is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length represen protein consists of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of down signals, ultimately influencing mitogenesis and differentiation. This particular family member is a high-affinity receptor for acidic, basic and/or keratinocy growth factor, depending on the isoform. Mutations in this gene are associated with Crouzon syndrome, Pfeiffer syndrome, Craniosynostosis, Apert syndrome, Jackson-Weiss syndrome, Beare-Stevenson cutis gyrata syndrome, Saethre-Chotzen syndrome, and syndromic craniosynostosis. Multiple alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]

Other Notes	Small volumes of anti-FGFR2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and add dry ice fee may apply.
Searchable Terms for FGFR2 purchase	MBS6206178 is an antibody targeting FGFR2. Also known as FGFR2 (Fibroblast Growth Factor Receptor 2, BEK, BFR-1, CD332, CEK3, CFD1, ECT1 FLJ98662, JWS, K-SAM, KGFR, TK14, TK25) (MaxLight 490). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGFR2. It may not necessarily be applicable to this product.

NCBI GI #	73909111
NCBI GeneID	2263
NCBI Accession #	AAH39243
UniProt Related Accession #	P21802
NCBI Official Full Name	FGFR2 protein
NCBI Official Synonym Full Names	fibroblast growth factor receptor 2
NCBI Official Symbol	FGFR2
NCBI Official Synonym Symbols	BEK; JWS; BBDS; CEK3; CFD1; ECT1; KGFR; TK14; TK25; BFR-1; CD332; K-SAM
Protein Family	Fibroblast growth factor receptor
NCBI Protein Information	fibroblast growth factor receptor 2
Research Articles on FGFR2	**1.** The A allele of P21 and the allele T of FGFR2 may be associated with an increased risk of early-onset of breast cancer.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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