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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGFR2 monoclonal antibody (M04), clone 3F4

Catalog # : H00002263-M04

規格 : [100 ug]

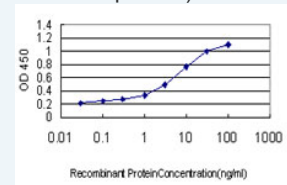
[List All](#)


Specification

| | |
|---------------------------------|---|
| Product Description: | Mouse monoclonal antibody raised against a partial recombinant FGFR2. |
| Immunogen: | FGFR2 (AAH39243, 621 a.a. ~ 723 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence: | GHRMDKPANCTNELYMMMRDCWHAVPSQRPTFKQLVEDLDRILTLTTN EEYLDLSQPLEQYSPSYDTRSSCSSGDDSVFSPDPMPYEPCLPQYPHI NGSVKT |
| Host: | Mouse |
| Reactivity: | Human |
| Isotype: | IgG2b Kappa |
| Quality Control Testing: | Antibody Reactive Against Recombinant Protein. |
| Storage Buffer: | In 1x PBS, pH 7.4 |
| Storage Instruction: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| MSDS: |  Download |
| Datasheet: |  Download |

Application Image

Sandwich ELISA (Recombinant protein)

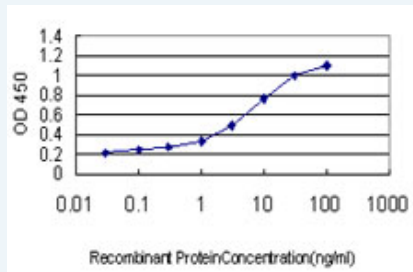


 [enlarge](#)


ELISA

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged FGFR2 is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2263](#)

GeneBank [BC039243](#)

Accession#:

Protein AAH39243

Accession#:

Gene Name: FGFR2

Gene Alias: BEK,BFR-1,CD332,CEK3,CFD1,ECT1,FLJ98662,JWS,K-SAM,KGFR,TK14,TK25

Gene Description: fibroblast growth factor receptor 2

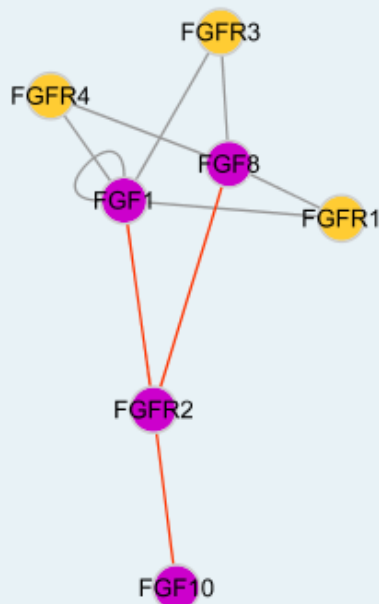
Omim ID: 101200, 101400, 101600, 123150, 123500, 123790, 137215, 149730, 176943, 207410

Gene Ontology: [Hyperlink](#)

Gene Summary: 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 representative 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 downstream signals, ultimately influencing mitogenesis and differentiation. This particular family member is a high-affinity receptor for acidic, basic and/or keratinocyte 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 Designations: BEK fibroblast growth factor receptor,FGF receptor,OTTHUMP00000020621,OTTHUMP00000020629,bacteria-expressed kinase,hydroxyaryl-protein kinase,keratinocyte growth factor receptor,protein tyrosine kinase, receptor like 14,soluble FGFR4 variant 4

Interactome



Gene Pathway

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[Regulation of actin cytoskeleton](#)

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