



Category: Monoclonal Antibodies

Product Name: Mouse Monoclonal Antibody to FGFR1

Catalog Number: MAB-606020359

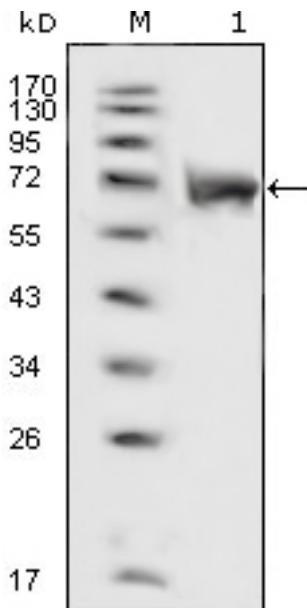


Figure 1: Western blot analysis using FGFR1 mouse mAb against extracellular domain of human FGFR1 (aa22-376).

Lot#:

Clone#: 3D4F7

Host and isotype: Mouse IgG2b

Size: 0.1ml

MW: 92kDa

Aliases: CEK; FLG; OGD; FLT2; KAL2; BFGFR; CD331; FGFBR; HBGFR

Entrez Gene: 2260

Species reactivity: Human

Description Fibroblast growth factor receptor 1 (FGFR1), also known as basic fibroblast growth factor receptor 1, fms-related tyrosine kinase-2 / Pfeiffer syndrome, and CD331, is a receptor tyrosine kinase whose ligands are specific members of the fibroblast growth factor family. FGFR1 has been shown to be associated with Pfeiffer syndrome. It is a member of the fibroblast growth factor receptor (FGFR) 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 binds both acidic and basic fibroblast growth factors and is involved in limb induction.

Immunogen Purified recombinant extracellular fragment of human FGFR1 (aa22-376) fused with hIgGFc tag expressed in HEK293 cells.

Application Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product

References 1. J Biol Chem. 2004 Jul 9;279(28):29325-35.

2. Arterioscler Thromb Vasc Biol. 2005 May;25(5):944-9.

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