

A13493

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FGFR1 Rabbit pAb

Catalog No.: A13493

1 Publications

Basic Information

Observed MW

Calculated MW

92kDa

Category

Mouse Monoclonal Antibody

Applications

ELISA

Cross-Reactivity

Human

Background

The protein encoded by this gene 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. Mutations in this gene have been associated with Pfeiffer syndrome, Jackson-Weiss syndrome, Antley-Bixler syndrome, osteoglophonic dysplasia, and autosomal dominant Kallmann syndrome 2. Chromosomal aberrations involving this gene are associated with stem cell myeloproliferative disorder and stem cell leukemia lymphoma syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

Recommended Dilutions

Immunogen Information

Gene ID

2260

Swiss Prot

P11362

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-290 of human FGFR1 (NP_075598.2).

Synonyms

CEK; FLG; HH2; OGD; ECCL; FLT2; KAL2; BFGFR; CD331; FGFBR; FLT-2; HBGFR; N-SAM; FGFR-1; HRTFDS; bFGF-R-1; FGFR1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.