

FGFR1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250651

Unit: 0.1 mg

Description:

FGFR1 (Basic fibroblast growth factor receptor 1) is a membrane receptor for basic fibroblast growth factor (FGF2) and for acidic fibroblast growth factor (FGF1). Binding of FGF and heparin leads to receptor dimerization and autophosphorylation at 7 tyrosine residues in the cytoplasmic tail. Phosphorylation of tyrosine 653 and 654 are important for catalytic activity while other sites may provide docking sites for downstream signaling components such as Crk and PLCgamma. FGFR1 also interacts with SHB, KLB, FGF23, GRB10. FGFR1 activation influences mitogenesis and differentiation of various cell types. Mutations and chromosomal aberrations are associated with various disorders including Pfeiffer Syndrome, idiopathic hypogonadotropic hypogonadism, Kallmann syndrome type 2, osteoglophonic dysplasia, non-syndromic trigonocephaly, stem cell leukemia lymphoma syndrome and stem cell myeloproliferative disorder.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

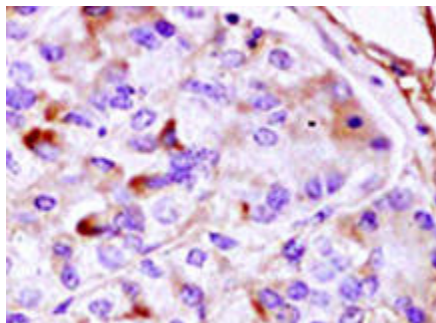
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: FGFR1; Fibroblast growth factor receptor 1; Basic fibroblast growth factor receptor 1; FGFR-1; bFGF-R-1; Proto-oncogene c-Fgr; Fms-like tyrosine kinase 2; c-fgr; CD331; FLT-2; FGFR; FLG; FLT2

Accession No.: P11362

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FGFR1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



FGFR1 staining in rat intestine. Paraffin-embedded rat small intestine tissue is stained with FGFR1 Antibody (Cat. No. 250651) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.