



E92073

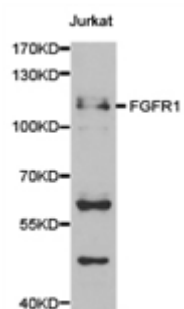
FGFR1 Polyclonal Antibody

- Catalog Number:** E92073
- Amount:** 100ul
- Background:** Fibroblast growth factors (FGFs) produce mitogenic and angiogenic effects in target cells by signaling through cell surface receptor tyrosine kinases. There are four members of the FGF receptor family: FGFR1 (flg), FGFR2 (bek, KGFR), FGFR3, and FGFR4. Each receptor contains an extracellular ligand binding domain, a transmembrane domain, and a cytoplasmic kinase domain (1). Following ligand binding and dimerization, the receptors are phosphorylated at specific tyrosine residues (2). Seven tyrosine residues in the cytoplasmic tail of FGFR1 can be phosphorylated: Tyr463, 583, 585, 653, 654, 730, and 766. Tyr653 and Tyr654 are important for catalytic activity of activated FGFR and are essential for signaling (3). The other phosphorylated tyrosine residues may provide docking sites for downstream signaling components such as Crk and PLCγ (4,5).
- Species:** Rabbit
- Isotype:** IgG
- Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
- Synonyms:** BFGFR; CD331; CEK; FGFR; FLG; FLJ99988; FLT2; HBGFR; KAL2; N-SAM; OGD;FGF Receptor 1;
- Immunogen:** Recombinant protein of human FGFR1
- Purification:** Affinity purification
- Reactivity:** H M R
- Applications:** WB IHC
- Molecular Weight:** 91kDa
- Swiss-Prot No. :** P11362
- Gene ID:** 2260
- References:** 1. Powers, C.J. et al. (2000) Endocr Relat Cancer 7, 165-97. 2. Reilly, J.F. et al. (2000) J Biol Chem 275, 7771-8. 3. Mohammadi, M. et al. (1996) Mol Cell Biol 16, 977-89. 4. Mohammadi, M. et al. (1991) Mol Cell Biol 11, 5068-78. 5. Larsson, H. et al. (1999) J Biol Chem 274, 25726-34.

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WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of Jurkat cell lines,
using FGFR1 antibody.

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