FGFR4 monoclonal antibody

Catalog: MB66933 Host: Mouse Reactivity: Human

BackGround:

Fibroblast growth factors 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, FGFR2 , FGFR3, and FGFR4. Each receptor contains an extracellular ligand-binding domain, a transmembrane domain, and a cytoplasmic kinase domain. Following ligand binding and dimerization, the receptors are phosphorylated at specific tyrosine residues. 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 . The other phosphorylated tyrosine residues may provide docking sites for downstream signaling components, such as Crk and PLC 纬 .

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 88 kDa

Swiss-Prot:

P22455

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/1000 - 1/2000)

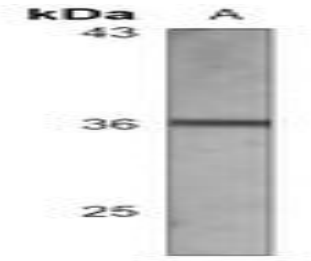
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of FGFR4 protein.

DATA:



Western blot analysis of FGFR4 expression in FGFR4 recombinant protein (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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