Affinity Biosciences website:www.affbiotech.com

FGFR4 Ab

Images(1)

Mol.Wt.: 87.9kDa Cat.#: BF0133 Concn.: ~1mg/ml Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000

*The optimal dilutions should be determined by the end user.

Reactivity: Human

Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH Storage:

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Purified recombinant fragment of human FGFR4 expressed in E. Coli. Immunogen:

Uniprot: P22455

Description: The protein encoded by this gene is a member of the fibroblast growth factor

> receptor 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 would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membranespanning 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. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20.

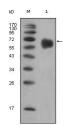


Figure 1: Western blot analysis using FGFR4 mouse mAb against

extracellular domain of human FGFR4 (aa22-369).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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