

# FGFR-4 Monoclonal Antibody

### Description

Product type Primary Antibody

Code BT-MCA0534

Host Mouse

Isotype IgG

Size 50ul, 100ul

Immunogen Purified recombinant extracellular fragment of human FGFR-4 fused with hlgGFc tag expressed in HEK293

cell line.

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application WB, IF, ICC, ELISA

Concentration 1 mg/ml

Full name Fibroblast growth factor receptor 4

Synonyms FGFR4; JTK2; TKF; Fibroblast growth factor receptor 4; FGFR-4; CD antigen CD334

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

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 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. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20. Although alternative splicing has been observed, there is no evidence that the C-terminal half of the IgII

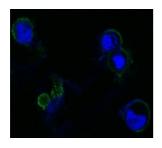
## Recommended Dilution

ELISA: 1:10000 IF: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

#### **Images**

Western Blot analysis using FGFR-4 Monoclonal antibody against extracellular domain of human FGFR-4 (aa22-369).



Confocal immunofluorescence analysis of methanol-fixed HEK293 cells trasfected with FGFR4-hIgGFc using FGFR-4 Monoclonal antibody (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

Storage -20°C for one year

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