

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 hIgGFc 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

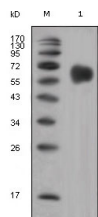
ELISA: 1:10000

IF: 1:200 - 1:1000

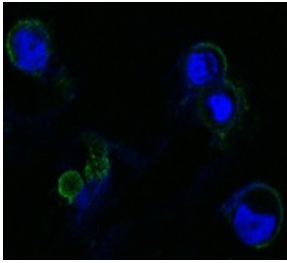
WB: 1:500 - 1:2000

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 transfected with FGFR4-hlgGfc using FGFR-4 Monoclonal antibody (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

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