

Mouse anti-Human FGFR4 Antibody | anti-FGFR4 antibody

FGFR4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108676	Mouse	Human	ELISA, Immunofluorescence, Western Blot

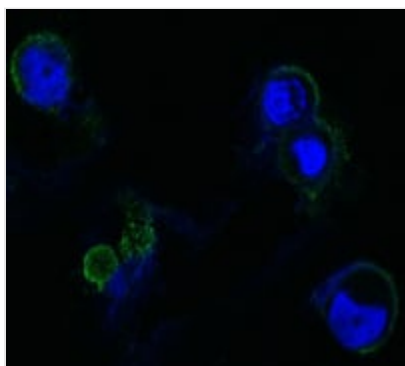
PRODUCT SYNONYMS

FGFR4; FGFR4 Antibody; TKF; JTK2; CD334; anti-FGFR4 antibody

PRODUCT SPECIFICATIONS

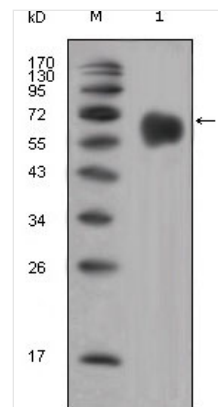
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	7H1
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	802
Applicable Applications for anti-FGFR4 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant extracellular fragment of human FGFR4 fused with hIgGFc tag expressed in HEK293 cell line.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2: Confocal immunofluorescence analysis of methanol-fixed HEK293 cells transfected with FGFR4-hIgGFc using FGFR4 mouse mAb (green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

Figure 1: Western blot analysis using FGFR4 mouse mAb against extracellular domain of human FGFR4 (aa22-369). Figure 1: West Figure 1:

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR4 antibody	FGFR4: fibroblast growth factor receptor 4. Entrez Protein NP_002002. It 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 IgIII domain of this protein varies between three alternate forms, as indicated for members 1-3.
Product Categories/Family for anti-FGFR4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	47524173
NCBI GeneID	2264
NCBI Accession #	NP_002002.3
NCBI GenBank Nucleotide #	NM_002011.4
UniProt Accession #	P22455; O43785; Q14309; Q71TW8; Q8TDA0; Q96KE5; G3JVM2; G3JVM5; G3JVM7; G3JVM9
Molecular Weight	87.9kDa
NCBI Official Full Name	fibroblast growth factor receptor 4 isoform 1
NCBI Official Synonym Full Names	fibroblast growth factor receptor 4
NCBI Official Symbol	FGFR4
NCBI Official Synonym Symbols	TKF; JTK2; CD334
NCBI Protein Information	fibroblast growth factor receptor 4
UniProt Protein Name	Fibroblast growth factor receptor 4
UniProt Gene Name	FGFR4
UniProt Synonym Gene Names	JTK2; TKF; FGFR-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/fgfr4/108676>