

Mouse anti-Human FGFR4 Antibody | anti-FGFR4 antibody

FGFR4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108460	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

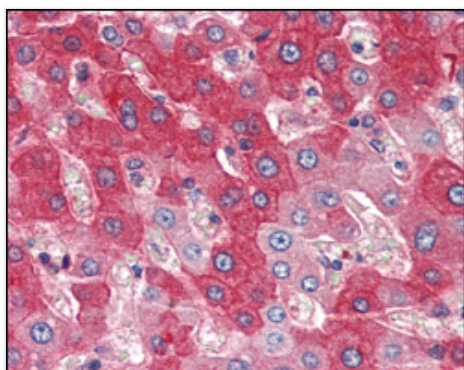
PRODUCT SYNONYMS

FGFR4; FGFR4 Antibody; TKF; JTK2; CD334; MGC20292; anti-FGFR4 antibody

PRODUCT SPECIFICATIONS

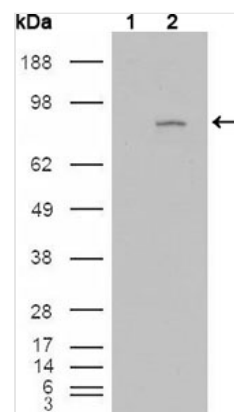
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	4H2B10B2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	802
Applicable Applications for anti-FGFR4 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of FGFR4 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human liver tissues using FGFR4 mAb.



WB (Western Blot)

Figure 1. Western blot analysis using FGFR4 mouse mAb against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY FGFR4 cDNA (2).

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR4 antibody	FGFR4 (fibroblast growth factor receptor 4) is part of a family of fibroblast growth factor receptors that mediate the biological functions of specific growth factors. There are four members of the FGF receptor family. FGFR-1 (fig), FGFR-2 (bek, KGFR), FGFR-3 and FGFR-4. 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. These receptor proteins play a role in important processes such as cell division, regulating cell growth and maturation, formation of blood vessels, wound healing, and embryo development. Although specific functions of FGFR4 remain unclear, studies indicate that the gene is involved in muscle development and the maturation of bone cells in the skull. FGFR4 may also play a role in the development and maintenance of specialized cells (called foveal cones) in the light-sensitive layer (the retina) at the back of the eye.
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	88KDa
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/fgfr4/108460>