

Mouse anti-Human FGFR-4 Monoclonal Antibody | anti-FGFR-4 antibody

FGFR-4 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320068	Mouse	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

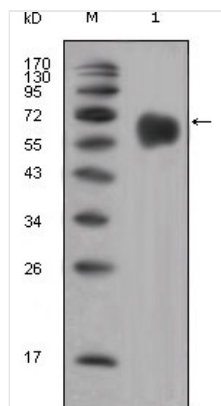
PRODUCT SYNONYMS

FGFR-4; Monoclonal Antibody; FGFR-4 Monoclonal Antibody; Fibroblast growth factor receptor 4; FGFR4; JTK2; TKF; CD antigen CD334; anti-FGFR-4 antibody

PRODUCT SPECIFICATIONS

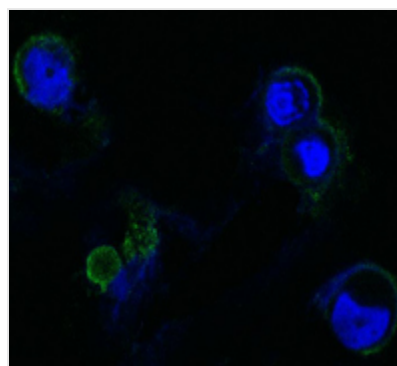
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	FGFR-4 Monoclonal Antibody detects endogenous levels of FGFR-4 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-FGFR-4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant extracellular fragment of human FGFR-4 fused with hlgGfc tag expressed in HEK293 cell line.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR-4 antibody	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
Product Categories/Family for anti-FGFR-4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	47524173
NCBI GeneID	2264
NCBI Accession #	NP_002002.3
NCBI GenBank Nucleotide #	NM_002011.3
UniProt Accession #	P22455; O43785; Q14309; Q71TW8; Q8TDA0; AAB25788
Molecular Weight	87,954 Da
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; FGFR-4; tyrosylprotein kinase; protein-tyrosine kinase; hydroxyaryl-protein kinase; tyrosine kinase related to fibroblast growth factor receptor
UniProt Protein Name	Fibroblast growth factor receptor 4
UniProt Gene Name	FGFR4
UniProt Synonym Gene Names	JTK2; TKF; FGFR-4
UniProt Entry Name	FGFR4_HUMAN

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/monoclonal/fgfr-4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320068>