

Mouse FGFR1 Monoclonal Antibody | anti-FGFR1 antibody

anti- FGFR1 antibody

CATALOG # AAA102795	HOST Mouse	REACTIVITY Human, Mouse; Other species are not tested.	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

FGFR1; Monoclonal Antibody; anti- FGFR1 antibody; BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; anti-FGFR1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse; Other species are not tested.
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Please decide the specificity by homology.
Purity/Purification	≥95% as determined by SDS-PAGE; Protein A+G purification
Form/Format	Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3
Applicable Applications for anti-FGFR1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Fibroblast growth factor receptor 1
Preparation and Storage	-20 degree C for 24 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

K-562 cells were subjected to SDS PAGE followed by western blot with AAA102795 (FGFR1 Antibody) at dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using AAA102795 (FGFR1 Antibody) at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-FGFR1 antibody

Tyrosine-protein kinase that acts as cell-surface receptor for fibroblast growth factors and plays an essential role in the regulation of embryonic development, cell proliferation, differentiation and migration. Required for normal mesoderm patterning and correct axial organization during embryonic development, normal skeletogenesis and normal development of the gonadotropin-releasing hormone (GnRH) neuronal system. Phosphorylates PLCG1, FRS2, GAB1 and SHB. Ligand binding leads to the activation of several signaling cascades. Activation of PLCG1 leads to the production of the cellular signaling molecules diacylglycerol and inositol 1,4,5-trisphosphate. Phosphorylation of FRS2 triggers recruitment of GRB2, GAB1, PIK3R1 and SOS1, and mediates activation of RAS, MAPK1/ERK2, MAPK3/ERK1 and the MAP kinase signaling pathway, as well as of the AKT1 signaling pathway. Promotes phosphorylation of SHC1, STAT1 and PTPN11/SHP2. In the nucleus, enhances RPS6KA1 and CREB1 activity and contributes to the regulation of transcription. FGFR1 signaling is down-regulated by IL17RD/SEF, and by FGFR1 ubiquitination, internalization and degradation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291327493
NCBI GeneID	2260
NCBI Accession #	NP_001167536.1
NCBI GenBank Nucleotide #	NM_001174065.1
UniProt Accession #	P11362; P17049; Q02063; Q02065; Q14306; Q14307; Q53H63; Q59H40; Q5BJG2; A8K6T9; A8K8V5; C1KBH8
Molecular Weight	90 kDa
NCBI Official Full Name	fibroblast growth factor receptor 1 isoform 2
NCBI Official Synonym Full Names	fibroblast growth factor receptor 1
NCBI Official Symbol	FGFR1
NCBI Official Synonym Symbols	CEK; FLG; HH2; OGD; ECCL; FLT2; KAL2; BFGFR; CD331; FGFBR; FLT-2; HBGFR; N-SAM; FGFR-1; HRTFDS; bFGF-R-1
NCBI Protein Information	fibroblast growth factor receptor 1
UniProt Protein Name	Fibroblast growth factor receptor 1
UniProt Gene Name	FGFR1
UniProt Synonym Gene Names	BFGFR; CEK; FGFBR; FLG; FLT2; HBGFR; FGFR-1; BFGFR; bFGF-R-1; FLT-2
UniProt Entry Name	FGFR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fgfr1-antibody-immunohistochemistry-western-blot-elisa/102795>