

Rabbit FGF2 Monoclonal Antibody | anti-FGF2 antibody

Recombinant Anti-FGF2 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254131	Rabbit	HumanPredicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

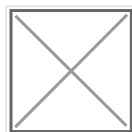
PRODUCT SYNONYMS

FGF2; Monoclonal Antibody; Recombinant Anti-FGF2 Antibody; Rabbit Monoclonal; bFGF/FGF2 Antibody; Rabbit MAb; fibroblast growth factor 2 (basic); Anti-BFGF Antibody; Anti-FGF-2 Antibody; Anti-FGFB Antibody; Anti-HBGF-2 Antibody; anti-FGF2 antibody

PRODUCT SPECIFICATIONS

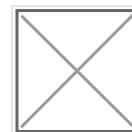
Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	013
Specificity	Human FGF2
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FGF2 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human bFGF
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, synthetic peptide corresponding to the N-terminus of the Human bFGF.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human bFGF in human glioma with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human bFGF in human hepatoma with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human bFGF in human malignant melanoma with rabbit monoclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-FGF2 antibody	Basic fibroblast growth factor (bFGF), also known as FGF2, is a member of the fibroblast growth factor (FGF) family. It is a highly specific chemotactic and mitogenic factor for many cell types, appears to be involved in remodeling damaged tissue, such as ulcer healing, vascular repair, traumatic brain injury (TBI). bFGF is a critical component of human embryonic stem cell culture medium. In addition, bFGF protein is a heparin-binding cationic protein involved in a variety of pathological conditions including angiogenesis and solid tumour growth. Thus, bFGF is regarded as a target for cancers chemopreventive and therapeutic strategies. bFGF/FGF2 Protein & Antibody Products
Product Categories/Family for anti-FGF2 antibody	Cancer Drug Targets
References	Takayama S, et al. (2001) Periodontal regeneration by FGF-2 (bFGF) in primate models. J Dent Res. 80(12): 2075-9. Niu YJ, et al. (2004) Therapeutic effect of bFGF on retina ischemia-reperfusion injury. Chin Med J (Engl). 117(2): 252-7. Zhang Y, et al. (2004) Expression of aFGF, bFGF, and FGFR1 in ovarian epithelial neoplasm. Chin Med J (Engl). 117(4): 601-3.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56068041
NCBI GeneID	2247
UniProt Accession #	P09038; O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8
Molecular Weight	30,770 Da
NCBI Official Full Name	basic fibroblast growth factor, partial
NCBI Official Synonym Full Names	fibroblast growth factor 2 (basic)
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
NCBI Protein Information	fibroblast growth factor 2; prostaticin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	FGF2
UniProt Synonym Gene Names	FGFB; FGF-2; bFGF; HBGF-2
UniProt Entry Name	FGF2_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/fgf2-antibody-clone-013-immunohistochemistry-elisa/254131>