

b-FGF Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AD80276**Specification**

b-FGF Antibody - Product info

Application	IHC
Primary Accession	P09038
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	30770

b-FGF Antibody - Additional info

Gene ID	2247
Gene Name	FGF2

Other Names

Fibroblast growth factor 2, FGF-2, Basic fibroblast growth factor, bFGF, Heparin-binding growth factor 2, HBGF-2, FGF2, FGFB

Dilution

IHC~~1:100~500

Storage

Maintain refrigerated at 2-8°C

Precautions

b-FGF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

b-FGF Antibody - Protein Information**Name** FGF2**Synonyms****Function****FGFB**

Acts as a ligand for FGFR1, FGFR2, FGFR3 and FGFR4 (PubMed:[8663044](#)). Also acts as an integrin ligand which is required for FGF2 signaling (PubMed:[28302677](#)). Binds to integrin ITGAV:ITGB3 (PubMed:[28302677](#)). Plays an important role in the regulation of cell survival, cell division, cell differentiation and cell migration (PubMed:[8663044](#), PubMed:[28302677](#)). Functions as a potent mitogen in vitro (PubMed:[3732516](#), PubMed:[3964259](#)). Can induce angiogenesis

Cellular Location

(PubMed:[23469107](#), PubMed:[28302677](#)).
Secreted. Nucleus. Note=Exported from cells by an endoplasmic reticulum (ER)/Golgi-independent mechanism
Unconventional secretion of FGF2 occurs by direct translocation across the plasma membrane. Binding of exogenous FGF2 to FGFR facilitates endocytosis followed by translocation of FGF2 across endosomal membrane into the cytosol. Nuclear import from the cytosol requires the classical nuclear import machinery, involving proteins KPNA1 and KPNB1, as well as CEP57

Tissue Location

Expressed in granulosa and cumulus cells.
Expressed in hepatocellular carcinoma cells, but not in non- cancerous liver tissue.

b-FGF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

b-FGF Antibody - Images