Fibroblast Growth Factor, Basic Antibody – Sheep Polyclonal

PRODUCT OVERVIEW

Product Name	Fibroblast Growth Factor, Basic, Polyclonal Antibody
Full Product Name	Fibroblast Growth Factor, Basic (FGFb, BFGF, Fibroblast Growth Factor 2, FGF2, Heparin-binding Growth Factor 2, HBGF-2)
Product Synonym Names	Anti -Fibroblast Growth Factor, Basic (FGFb, BFGF, Fibroblast Growth Factor 2, FGF2, Heparin-binding Growth Factor 2, HBGF-2)
Clonality	Polyclonal
Isotype	IgG
Host	Sheep
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied as a lyophilized powder. Reconstitute in 100ul of sterile ddH2O.
Purity/Purification	Serum Serum
Specificity	Recognizes human Basic Fibroblast Growth Factor. Species Crossreactivity: mouse and rat
Preparation and Storage	Lyophilized powder may be stored at -20 degree C. Stable for 12 months at -20 degree C. Reconstitute with sterile ddH2O. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Reconstituted product is stable for 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Immunogen	Recombinant human basic FGF.
Product Categories/Family for anti-Fibroblast Growth Factor, Basic antibody	Antibodies; Abs to Binding Proteins
Applications Tested/Suitable for anti-Fibroblast Growth Factor, Basic antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-Fibroblast Growth Factor, Basic antibody	Suitable for use in Western Blot and Immunohistochemistry. Dilution: Western Blot: 1:1000-1:2000 Immunohistochemistry: 1:1000-1:2000
Related Product Information for anti-Fibroblast Growth Factor, Basic antibody	Fibroblast growth factors (FGFs), a heparin binding growth factor, exhibit widespread mitogenic and neurotrophic activities in a variety of different cells including mesenchymal, neuroectodermal and endothelial cells. aFGF (FGF-1) and bFGF (FGF-2) are present in relatively high levels in CNS. aFGF is expressed by a subset of neuronal populations, while bFGF is expressed by astrocytes, both lack signal peptides. Human bFGF is a 17.2kD protein containing 155 amino acid residues. The heparin-binding growth factors are angiogenic agents in vivo and are potent mitogens for a variety of cell types in vitro. There are differences in the tissue distribution and concentration of these 2 growth factors. Subunit: Monomer. Interacts with CSPG4 and FGFBP1. Found in a complex with FGFBP1, FGF1 and FGF2. This protein binds heparin more strongly than does aFGF. Belongs to the heparin-binding growth factors family.
Other Notes	Small volumes of anti-Fibroblast Growth Factor, Basic antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Fibroblast Growth Factor, Basic purchase	MBS631349 is an antibody targeting Fibroblast Growth Factor, Basic. Also known as Fibroblast Growth Factor, Basic (FGFb, BFGF, Fibroblast Growth Factor 2, FGF2, Heparin-binding Growth Factor 2, HBGF-2). Reactive in Human, Mouse, Rat. Host: Sheep.

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