

FGF2 Rabbit mAb

Catalog No: #52009

Package Size: #52009-1 50ul #52009-2 100ul

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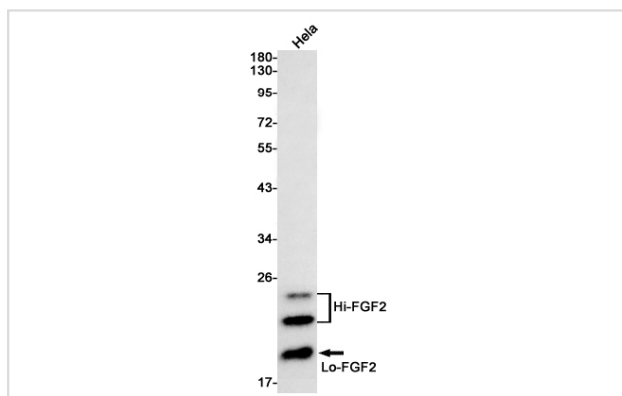
Description

Product Name	FGF2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-9C3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant protein of human FGF2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	FGF2; FGFB; Fibroblast growth factor 2; FGF-2; Basic fibroblast growth factor; bFGF; Heparin-binding growth factor 2; HBGF-2
Accession No.	Swiss-Prot:P09038GenID:2247
Uniprot	P09038
GenID	2247
Calculated MW	Calculated MW: 31 kDa; Observed MW: 19 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000

Images



Western blot detection of FGF2 in HeLa cell lysates using FGF2 Rabbit mAb(1:1000 diluted). Predicted band size:31kDa.

Background

Swiss-Prot Acc.P09038.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:1721615, PubMed:3964259, PubMed:3732516).

Can induce angiogenesis (PubMed:23469107, PubMed:28302677).

Mediates phosphorylation of ERK1/2 and thereby promotes retinal lens fiber differentiation (PubMed:29501879).

Note: This product is for in vitro research use only