

FGF2 Rabbit mAb

Catalog No: #49431



Package Size: #49431-1 50ul #49431-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

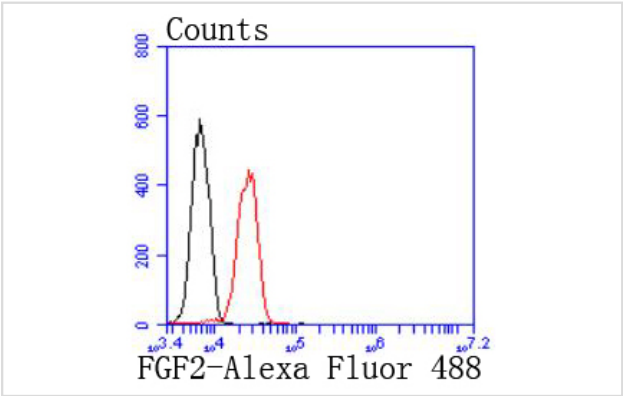
Description

Product Name	FGF2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM28-10
Purification	ProA affinity purified
Applications	WB, IP, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	Basic fibroblast growth factor antibody Basic fibroblast growth factor bFGF antibody BFGF antibody FGF 2 antibody FGF B antibody FGF-2 antibody Fgf2 antibody FGF2 basic antibody FGF2_HUMAN antibody FGFB antibody Fibroblast growth factor 2 (basic) antibody Fibroblast growth factor 2 antibody Fibroblast growth factor, basic antibody HBGF 2 antibody HBGF-2 antibody HBGF2 antibody HBGH 2 antibody HBGH2 antibody Heparin binding growth factor 2 precursor antibody Heparin-binding growth factor 2 antibody Prostatropin antibody
Accession No.	Swiss-Prot#:P09038
Calculated MW	31 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1000IP: 1:50FC: 1:50-1:100

Images



Flow cytometric analysis of Jurkat cells with FGF2 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

Fibroblast growth factor-1 (FGF-1), also designated acidic FGF, and fibroblast growth factor-2 (FGF-2), also designated basic FGF, are members of a

family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Additional members of the FGF family include the oncogenes FGF-3 (Int2) and FGF-4 (hst/Kaposi), FGF-5, FGF-6, FGF-7 (KGF), FGF-8 (AIGF), FGF-9 (GAF) and FGF-10-FGF-23. Members of the FGF family share 30-55% amino acid sequence identity and similar gene structure, and are capable of transforming cultured cells when overexpressed in transfected cells. Cellular receptors for FGFs are members of a second multigene family including four tyrosine kinases, designated Flg (FGFR-1), Bek (FGFR-L), TKF and FGFR-3.

References

1. Park IS et al. Enhancement of Ischemic Wound Healing by Spheroid Grafting of Human Adipose-Derived Stem Cells Treated with Low-Level Light Irradiation. PLoS One 10:e0122776 (2015).
2. Rotschafer JH et al. Modulation of neural stem/progenitor cell proliferation during experimental Herpes Simplex encephalitis is mediated by differential FGF-2 expression in the adult brain. Neurobiol Dis 58:144-55 (2013).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.