EnkiLife

Product Name: FGF2 Mouse Monoclonal Antibody
Catalog #: AMM82529

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	30.8kd

Antigen Information

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Gene Name	FGF2
Alternative Names	BFGF; FGFB; FGF-2; HBGF-2
Gene ID	2247.0
SwissProt ID	P09038
Immunogen	Purified recombinant fragment of human FGF2 (AA: 189-288) expressed in E. Coli.

Background

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple

polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.
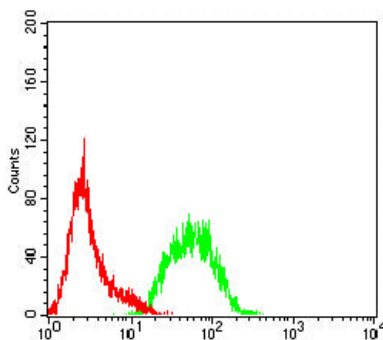
Research Area

TGF-beta signaling pathway,PI3K-Akt signaling pathway,MAPK signaling pathway

Image Data
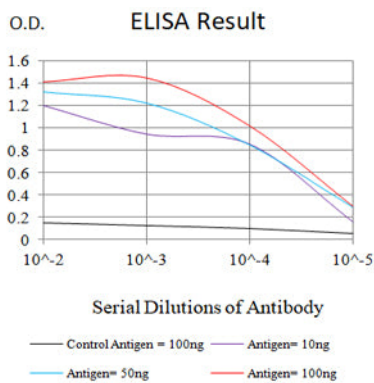
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

Flow cytometric analysis of Hela cells using FGF2 mouse mAb (green) and negative control (red).