

FGF4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3724
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human FGF4 (AA: 62-123) expressed in E. Coli.
Mol wt	22kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	HST;KFGF;HST-1;HSTF1;K-FGF;HBGF-4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

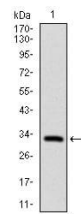
The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway.

Recommended Dilution

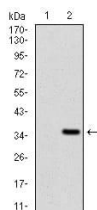
ELISA: 1:10000

Not yet tested in other applications.

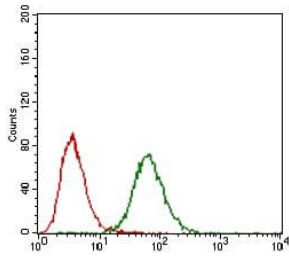
Images



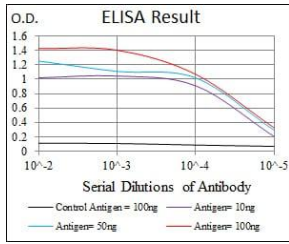
Western blot analysis using FGF4 mAb against human FGF4 recombinant protein. (Expected MW is 32.6 kDa)



Western blot analysis using FGF4 mAb against HEK293 (1) and FGF4 (AA: 62-123)-hIgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of NIH/3T3 cells using FGF4 mouse mAb (green) and negative control (red).



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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