10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FGF4 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8729b

Product Information

Application	WB, E
Primary Accession	P08620
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,κ
Clone Names	2188CT10.1.4
Calculated MW	22048

Additional Information

Gene ID	2249
Other Names	Fibroblast growth factor 4, FGF-4, Heparin secretory-transforming protein 1, HST, HST-1, HSTF-1, Heparin-binding growth factor 4, HBGF-4, Transforming protein KS3, FGF4, HST, HSTF1, KS3
Target/Specificity	This FGF4 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 31-206 amino acids from the human region of human FGF4.
Dilution	WB~~1:4000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FGF4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FGF4 (HGNC:3682)
Function	Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal limb and cardiac valve development during embryogenesis. May play a role in embryonic molar tooth bud development via inducing the expression of MSX1, MSX2 and

MSX1-mediated expression of SDC1 in dental mesenchyme cells (By similarity).

Cellular Location Secreted.

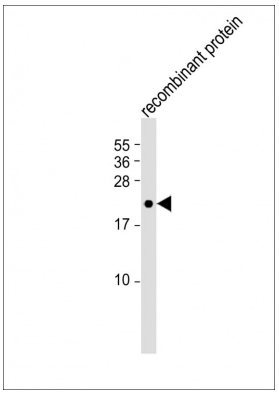
Background

Plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. Required for normal limb and cardiac valve development during embryogenesis.

References

Mayshar Y.,et al.Stem Cells 26:767-774(2008).
Yoshida T.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:7305-7309(1987).
Taira M.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:2980-2984(1987).
Delli-Bovi P.,et al.Cell 50:729-737(1987).
Ornitz D.M.,et al.J. Biol. Chem. 271:15292-15297(1996).

Images



Anti-FGF4 Antibody at 1:4000 dilution + recombinant protein lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 19 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.