

FGF4 Antibody

Purified Mouse Monoclonal Antibody (Mab) Catalog # AM8729b

Product Information

Application WB, E **Primary Accession** P08620

Reactivity Human, Hamster

HostMouseClonalitymonoclonalIsotypeIgG1,κClone Names2188CT10.1.4

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.

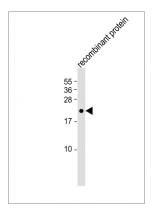
Background

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'.