

FGF4 Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8729b

Specification

FGF4 Antibody - Product Information

Application	WB,E
Primary Accession	P08620
Reactivity	Hamster
Host	Mouse
Clonality	monoclonal
Isotype	IgG1, κ
Calculated MW	22048

FGF4 Antibody - 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

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.

FGF4 Antibody - 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).

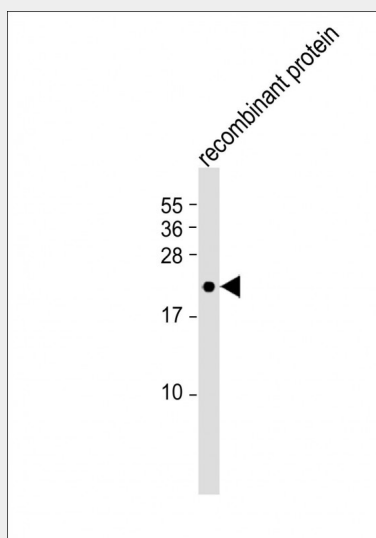
Cellular Location
Secreted.

FGF4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGF4 Antibody - 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.

FGF4 Antibody - Background

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FGF4 Antibody - 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).