

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

**Specification**

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**FGF4 Antibody - Product Information**

Application	<b>WB,E</b>
Primary Accession	<a href="#">P08620</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>monoclonal</b>
Isotype	<b>IgG1,<math>\kappa</math></b>

**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).

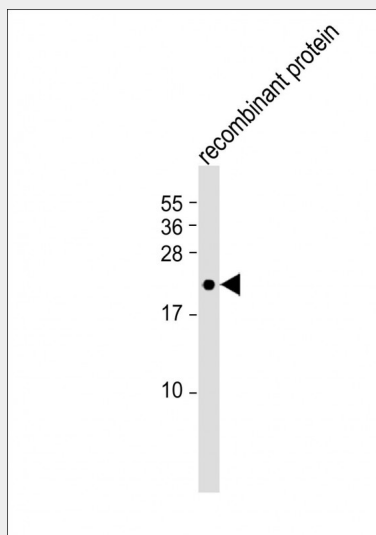
**Cellular Location**  
Secreted.

### 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).