

Mouse anti-Human FGF1 Monoclonal Antibody | anti-FGF1 antibody

FGF1 (Fibroblast Growth Factor 1, FGF-1, Acidic Fibroblast Growth Factor, aFGF, Beta-endothelial Cell Growth Factor, ECGF-beta, Heparin-binding Growth Factor 1, HBGF-1, FGFA) (Biotin)

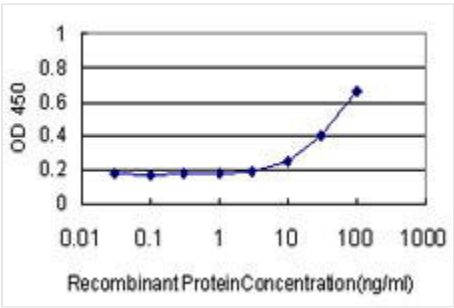
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24799	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

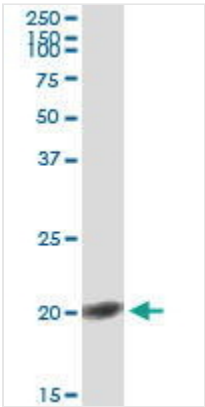
FGF1; Monoclonal Antibody; FGF1 (Fibroblast Growth Factor 1; FGF-1; Acidic Fibroblast Growth Factor; aFGF; Beta-endothelial Cell Growth Factor; ECGF-beta; Heparin-binding Growth Factor 1; HBGF-1; FGFA) (Biotin); anti-FGF1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2E12
Specificity	Recognizes human FGF1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-FGF1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa46-155 from human FGF1 (AAH32697) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VDGTRDRSDQHIQLQLSAESVGEVYIKSTETGQYLAMDTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEKNWVGLKKNKSCKRGPRTHYGQKA
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in PBS with 0.1% BSA, 0.1% Triton X-100, and 0.1% Tween-20. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

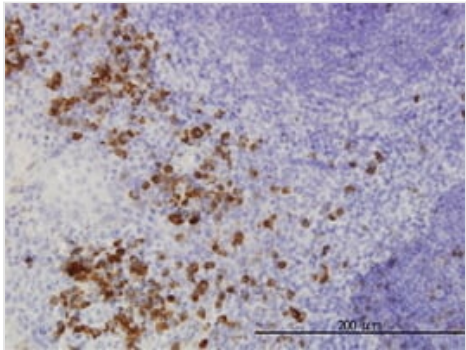


Application Data



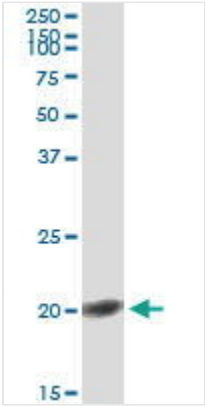
IF (Immunofluorescence)

Immunofluorescence of HeLa cells using 126766 (10ug/ml).



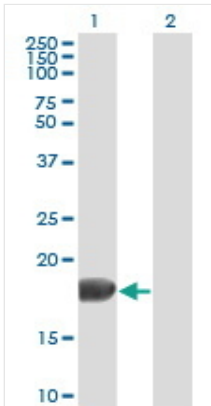
IHC (Immunohistochemistry)

Immunohistochemistry of formalin-fixed paraffin-embedded human tonsil using 126766 (3ug/ml) and Immunoperoxidase.



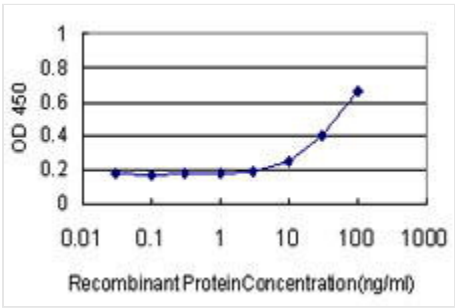
IP (Immunoprecipitation)

Immunoprecipitation of FGF1 transfected lysate using 126766 and Protein A Magnetic Bead and immunoblotted with FGF1 rabbit polyclonal antibody.



WB (Western Blot)

Western Blot analysis of FGF1 expression in transfected 293T cell line using 126766. Lane 1: transfected lysate (17.5kD). Lane 2: Non-transfected lysate.



Application Data

Detection limit for recombinant GST tagged FGF1 is ~10ng/ml using 126766 as a capture antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-FGF1 antibody	Antibodies; Growth Factors; Cytokines
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21595686
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NCBI GeneID	2246
Molecular Weight	6,698 Da
NCBI Official Full Name	Homo sapiens fibroblast growth factor 1 (acidic), mRNA
NCBI Official Synonym Full Names	fibroblast growth factor 1
NCBI Official Symbol	FGF1
NCBI Official Synonym Symbols	AFGF; ECGF; FGFA; ECGFA; ECGFB; FGF-1; HBGF1; HBGF-1; GLIO703; ECGF-beta; FGF-alpha
NCBI Protein Information	fibroblast growth factor 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fgf1-antibody-clone-2e12-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/24799>