

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) (AP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24208	Mouse	Human	ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot

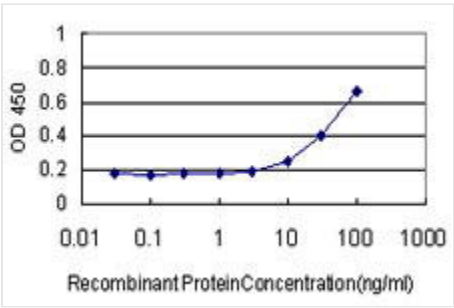
PRODUCT SYNONYMS

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) (AP); anti-FGF1 antibody

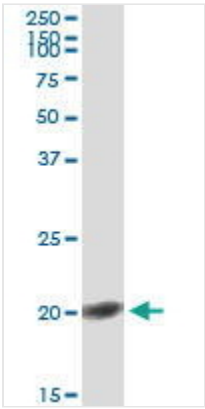
PRODUCT SPECIFICATIONS

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 Alkaline Phosphatase (AP).
Applicable Applications for anti-FGF1 antibody	ELISA, 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	VDGTRDRSDQHIQLQLSAESVGEVYIKSTETGQYLAMDTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEKNWVGLKKNKGSCCKRGPRTHYGQKA
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

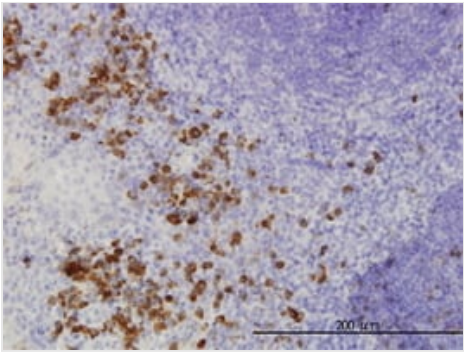
IMAGES



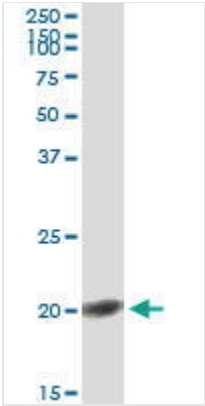
Application Data



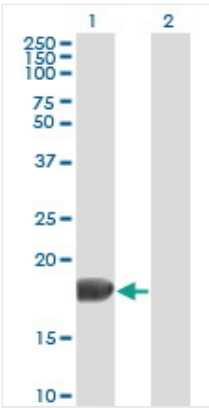
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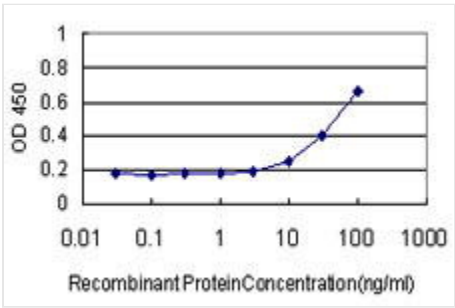
IHC (Immunohistochemistry)
Immunohistochemistry of formalin-fixed paraffin-embedded human tonsil using 1267661 (3ug/ml) and Immunoperoxidase.



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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/fgf1-antibody-clone-2e12-immunohistochemistry-immunoprecipitation-western-blot-elisa/24208>