

# Product Datasheet

## FGF acidic/FGF1 Antibody (2E12) - Azide and BSA Free H00002246-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 4

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**H00002246-M02**

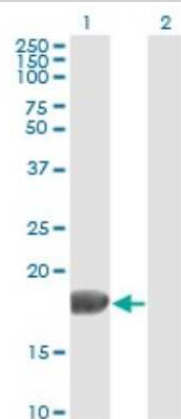
FGF acidic/FGF1 Antibody (2E12) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2E12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	2246
<b>Gene Symbol</b>	FGF1
<b>Species</b>	Human, Plant
<b>Specificity/Sensitivity</b>	fibroblast growth factor 1 (acidic)
<b>Immunogen</b>	FGF1 (AAH32697, 46 a.a. ~ 155 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VDGTRDRSDQHILQLLSAESVGEVYIKSTETGQYLAMDTDGLLYGSQTPNEEC LFLERLEENHYNTYISKKHAENWVGLKKNKNGSCKRGPRTYHGQKAILFLPLPV SSD
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA.

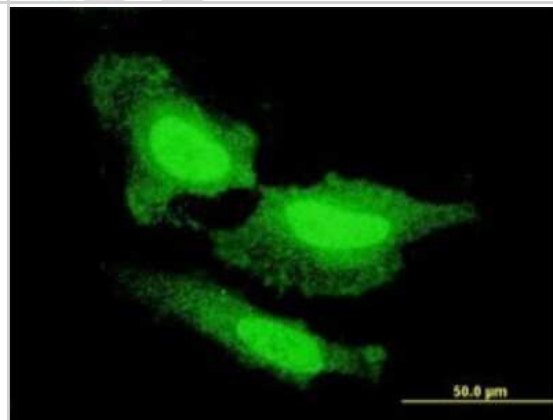


## Images

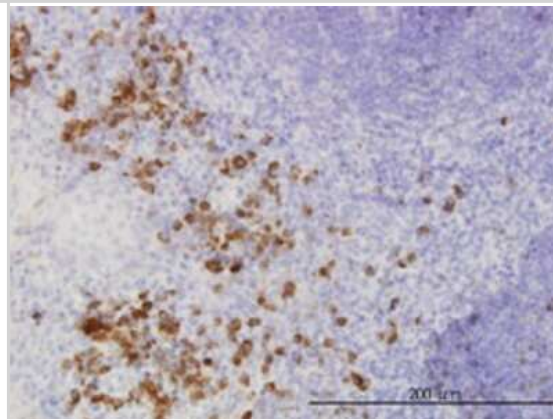
Western Blot: FGF acidic/FGF1 Antibody (2E12) [H00002246-M02] - Analysis of FGF1 expression in transfected 293T cell line by FGF1 monoclonal antibody (M02), clone 2E12. Lane 1: FGF1 transfected lysate (17.5 KDa). Lane 2: Non-transfected lysate.



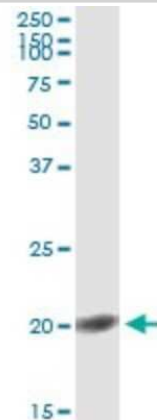
Immunocytochemistry/Immunofluorescence: FGF acidic/FGF1 Antibody (2E12) [H00002246-M02] - Analysis of monoclonal antibody to FGF1 on HeLa cell. Antibody concentration 10 ug/ml.



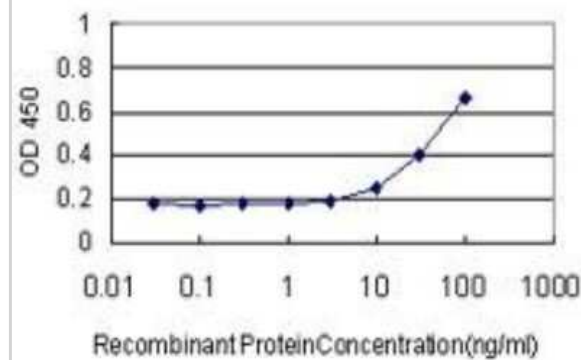
Immunohistochemistry-Paraffin: FGF acidic/FGF1 Antibody (2E12) [H00002246-M02] - Analysis of monoclonal antibody to FGF1 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



Immunoprecipitation: FGF acidic/FGF1 Antibody (2E12) [H00002246-M02] - Analysis of FGF1 transfected lysate using anti-FGF1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FGF1 MaxPab rabbit polyclonal antibody.



ELISA: FGF acidic/FGF1 Antibody (2E12) [H00002246-M02] - FGF acidic/FGF1 Antibody (2E12) [H00002246-M02] - Detection limit for recombinant GST tagged FGF1 is approximately 10ng/ml as a capture antibody.



## Publications

Masaaki Y, Shin A, Ronald O et al. Neurovascular unit pathology is observed very early in disease progression in the mutant SOD1 G93A mouse model of amyotrophic lateral sclerosis. *Exp Neurol*. 2022-04-16 [PMID: 35439439]

Matsuo K, Matsumura T. Repression of the DCL2 and DCL4 genes in *Nicotiana benthamiana* plants for the transient expression of recombinant proteins. *J Biosci Bioeng* 2017-03-20 [PMID: 28336416]

Li J, Chen H, Li X et al. Co-expression of podoplanin and fibroblast growth factor 1 predicts poor prognosis in patients with lung squamous cell carcinoma. *Mol Med Rep* 2017-06-21 [PMID: 28656229]

Matsuo K, Fukuzawa N, Matsumura T. A simple agroinfiltration method for transient gene expression in plant leaf discs. *J Biosci Bioeng* 2016-09-01 [PMID: 26995064]



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### **Products Related to H00002246-M02**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-35052-10ug	Recombinant Human FGF acidic/FGF1 Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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