



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

FGF1 monoclonal antibody (M02), clone 2E12

Catalog Number: H00002246-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant FGF1.

Clone Name: 2E12

Immunogen: FGF1 (AAH32697, 46 a.a. ~ 155 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

VDGTRDRSDQHIQLQLSAESVGEVYIKSTETGQYLAM
DTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEK
NWFVGLKKNKNGSCKRGPRTHYGQKAILFLPLPVSSD

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, IP, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2246

Gene Symbol: FGF1

Gene Alias: AFGF, ECGF, ECGF-beta, ECGFA, ECGFB, FGF-alpha, FGFA, GLIO703, HBGF1

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family.

FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq]

References:

1. Co-expression of podoplanin and fibroblast growth factor 1 predicts poor prognosis in patients with lung squamous cell carcinoma. Li J, Chen H, Li X, Wang L, Gao A, Zhang P, Lin W, Gao W, Yang D, Guo X, Liu J, Dang Q, Sun Y. Mol Med Rep. 2017 Aug;16(2):1643-1652. doi: 10.3892/mmr.2017.6830. Epub 2017 Jun 21.
2. Repression of the DCL2 and DCL4 genes in Nicotiana benthamiana plants for the transient expression of recombinant proteins. Matsuo K, Matsumura T. J Biosci Bioeng. 2017 Mar 20. [Epub ahead of print]
3. A simple agroinfiltration method for transient gene expression in plant leaf discs. Matsuo K, Fukuzawa N, Matsumura T. J Biosci Bioeng. 2016 Sep;122(3):351-6.