



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### FGF5 monoclonal antibody (M01), clone 1B4

**Catalog Number:** H00002250-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant FGF5.

**Clone Name:** 1B4

**Immunogen:** FGF5 (NP\_004455.2, 159 a.a. ~ 268 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

DCKFRERFQENSYNTYASAIHRTEKTGREWYVALNKR  
GKAKRGCSPRVKPQHISTHFLPRFKQSEQPELSFTVT  
VPEKKKPPSPIKPKIPLSAPRKNTNSVKYRLKFRFG

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IP, PLA-Ce, S-ELISA, WB-Ti  
(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:** 2250

**Gene Symbol:** FGF5

**Gene Alias:** HBGF-5, Smag-82

**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 gene was identified as an oncogene, which confers transforming potential when transfected into mammalian cells. Targeted disruption of the homolog of this gene in mouse resulted in the phenotype of abnormally long hair, which suggested a function as an inhibitor of hair elongation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

**References:**

1. Evidence of post-transcriptional readthrough regulation in FGF5 gene of alpaca. Pallotti S, Pediconi D, Subramanian D, Molina MG, Antonini M, Morelli MB, Renieri C, La Terza A. *Gene*. 2018 Mar 20;647:121-128. doi: 10.1016/j.gene.2018.01.006. Epub 2018 Jan 5.