



# 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

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## Datasheet

### FAP monoclonal antibody (M01), clone 1E5

**Catalog Number:** H00002191-M01

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

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

**Clone Name:** 1E5

**Immunogen:** FAP (AAH26250, 525 a.a. ~ 624 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

PPQFDRSKKYPLLIQVYGGPCSQSVRSVFVAVNWISYL  
ASKEGMVIALVDGRGTAFQGDKLLYAVYRKLGVYEVE  
DQITAVRKFIEMGFIDEKRIAIWGWS

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IP, S-ELISA, WB-Ce, 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:** IgG2a 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:** 2191

**Gene Symbol:** FAP

**Gene Alias:** DKFZp686G13158, DPPIV, FAPA

**Gene Summary:** The protein encoded by this gene is a homodimeric integral membrane gelatinase belonging to the serine protease family. It is selectively expressed in

reactive stromal fibroblasts of epithelial cancers, granulation tissue of healing wounds, and malignant cells of bone and soft tissue sarcomas. This protein is thought to be involved in the control of fibroblast growth or epithelial-mesenchymal interactions during development, tissue repair, and epithelial carcinogenesis. [provided by RefSeq]

**References:**

1. Cancer-associated fibroblasts (CAFs) promote the lymph node metastasis of esophageal squamous cell carcinoma. Kashima H, Noma K, Ohara T, Kato T, Katsura Y, Komoto S, Sato H, Katsube R, Ninomiya T, Tazawa H, Shirakawa Y, Fujiwara T. *Int J Cancer*. 2019 Feb 15;144(4):828-840. doi: 10.1002/ijc.31953. Epub 2018 Dec 3.
2. Fibroblast Activation Protein (FAP) Is Essential for the Migration of Bone Marrow Mesenchymal Stem Cells through RhoA Activation. Chung KM, Hsu SC, Chu YR, Lin MY, Jiaang WT, Chen RH, Chen X *PLoS One*. 2014 Feb 13;9(2):e88772. doi: 10.1371/journal.pone.0088772. eCollection 2014.
3. Extracellular Hsp90 mediates an NF- $\kappa$ B dependent inflammatory stromal program: Implications for the prostate tumor microenvironment. Bohonowych J, Hance M, Nolan K, Defee M, Parsons C, Isaacs J *Prostate*. 2013 Dec 16. doi: 10.1002/pros.22761.