



# 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

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## FGF8 monoclonal antibody (M01), clone 2A10

Catalog # : H00002253-M01

規格 : [ 100 ug ]

List All

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant FGF8.

**Immunogen:** FGF8 (NP\_149354, 65 a.a. ~ 133 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:** SRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAKLIVETDTFGSRVRVGAETGLYICMNKKGK

**Host:** Mouse

**Reactivity:** Human, Mouse, Rat

**Isotype:** IgG2a Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.

**Storage Buffer:** In 1x PBS, pH 7.4

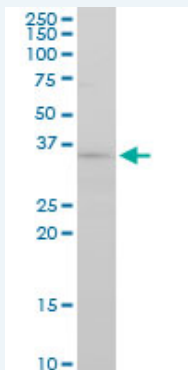
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Western Blot (Cell lysate)



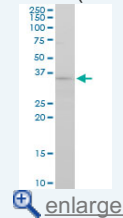
FGF8 monoclonal antibody (M01), clone 2A10. Western Blot analysis of FGF8 expression in PC-12(Cat # L012V1 ).

[Protocol Download](#)

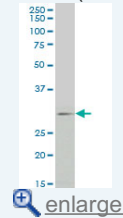
#### Western Blot (Cell lysate)

### Application Image

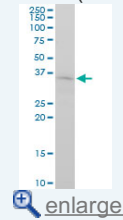
#### Western Blot (Cell lysate)



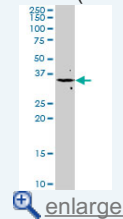
#### Western Blot (Cell lysate)



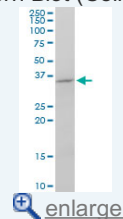
#### Western Blot (Cell lysate)



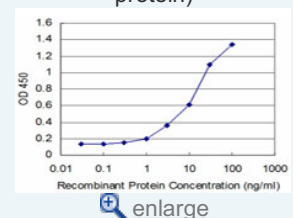
#### Western Blot (Cell lysate)



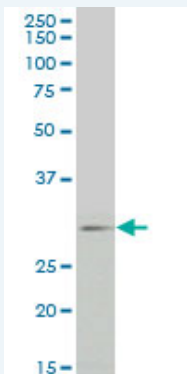
#### Western Blot (Cell lysate)




#### Sandwich ELISA (Recombinant protein)



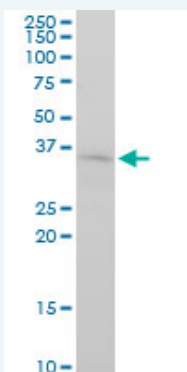
ELISA




FGF8 monoclonal antibody (M01), clone 2A10 Western Blot analysis of FGF8 expression in HepG2 ( Cat # L019V1 ).

 [Protocol Download](#)

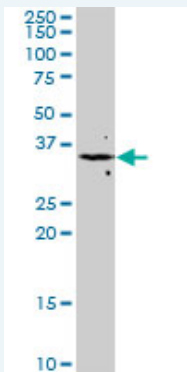
#### Western Blot (Cell lysate)



FGF8 monoclonal antibody (M01), clone 2A10. Western Blot analysis of FGF8 expression in Raw 264.7(Cat # L024V1 ).

 [Protocol Download](#)

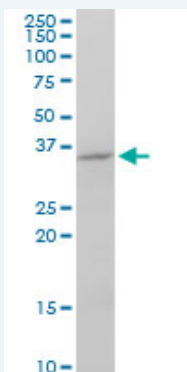
#### Western Blot (Cell lysate)



FGF8 monoclonal antibody (M01), clone 2A10. Western Blot analysis of FGF8 expression in Jurkat ( Cat # L017V1 ).

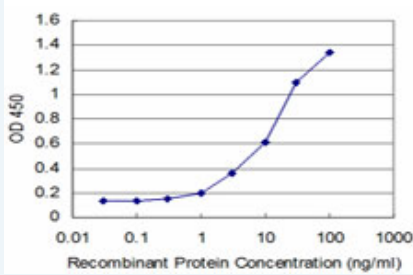
 [Protocol Download](#)

#### Western Blot (Cell lysate)



FGF8 monoclonal antibody (M01), clone 2A10. Western Blot analysis of FGF8 expression in NIH/3T3(Cat # L018V1 ).

**Sandwich ELISA (Recombinant protein)**



Detection limit for recombinant GST tagged FGF8 is approximately 0.3ng/ml as a capture antibody.

**ELISA**

**Gene Information**

**Entrez GeneID:** [2253](#)

**GeneBank Accession#:** [NM\\_033164](#)

**Protein Accession#:** [NP\\_149354](#)

**Gene Name:** FGF8

**Gene Alias:** AIGF,HBGF-8,MGC149376

**Gene Description:** fibroblast growth factor 8 (androgen-induced)

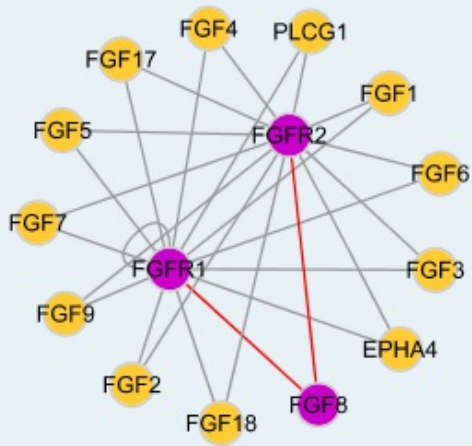
**Omim ID:** [600483](#)

**Gene Ontology:** [Hyperlink](#)

**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 is known to be a factor that supports androgen and anchorage independent growth of mammary tumor cells. Overexpression of this gene has been shown to increase tumor growth and angiogenesis. The adult expression of this gene is restricted to testes and ovaries. Temporal and spatial pattern of this gene expression suggests its function as an embryonic epithelial factor. Studies of the mouse and chick homologs revealed roles in midbrain and limb development, organogenesis, embryo gastrulation and left-right axis determination. The alternative splicing of this gene results in four transcript variants. [provided by RefSeq]

**Other Designations:** OTTHUMP00000020348,OTTHUMP00000020349,OTTHUMP00000020350,OTTHUMP00000020351,androgen-induced growth factor,fibroblast growth factor 8

**Interactome**



### Gene Pathway

[MAPK signaling pathway](#) [Melanoma Pathways in cancer](#) [Regulation of actin cytoskeleton](#)

### Related Disease

[Cleft Lip](#) [Cleft Palate](#) [Hypospadias](#)

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