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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) 

FGF12 monoclonal antibody (M10), clone 1D9

Catalog # : H00002257-M10

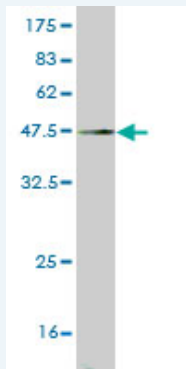
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full length recombinant FGF12.
Immunogen:	FGF12 (AAH22524, 1 a.a. ~ 181 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MESKEPQLKGVITRLFSQQGYFLQMHPDGTIDGTDKDNSDYTLFNLIPV GLRWVAIQGVKASLYVAMNGEGYLYSSDVFTPECKFKESVFNYYVIYSS TLYRQQESGRAWFLGLNKEGQIMKGNRVKTKPSSHVPKPIEVCMYRE QSLHEIGEKGGRSRKSSGTPTMNGGKVVNQDST
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (45.65 KDa) .

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](#)

Publication Reference

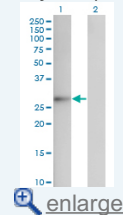
1. [Genome-wide analysis of chromosomal alterations in patients with esophageal squamous cell carcinoma exposed to tobacco and betel quid from high-risk area in India.](#)
Chattopadhyay I, Singh A, Phukan R, Purkayastha J, Katakai A, Mahanta J, Saxena S, Kapur S. *Mutat Res.* 2010 Jan 18. [Epub ahead of print]

Applications

Western Blot (Transfected lysate)

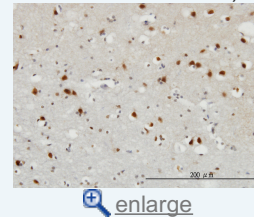
Application Image

Western Blot (Transfected lysate)

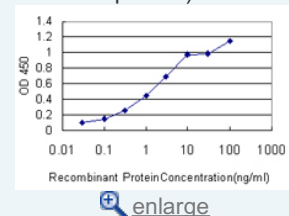


Western Blot (Recombinant protein)

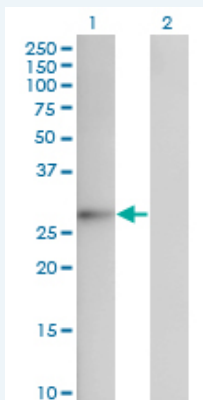
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Sandwich ELISA (Recombinant protein)



ELISA



Western Blot analysis of FGF12 expression in transfected 293T cell line by FGF12 monoclonal antibody (M10), clone 1D9.

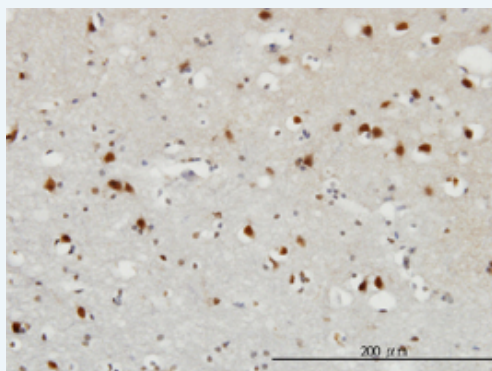
Lane 1: FGF12 transfected lysate(27.4 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

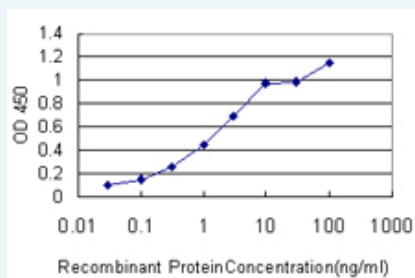


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to FGF12 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged FGF12 is approximately 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [2257](#)

GeneBank [BC022524](#)
Accession#:

Protein [AAH22524](#)
Accession#:

Gene Name: FGF12

Gene Alias: FGF12B,FHF1

Gene Description: fibroblast growth factor 12

Omim ID: [601513](#)

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 growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations: fibroblast growth factor 12B, fibroblast growth factor FGF-12b, fibroblast growth factor homologous factor 1, myocyte-activating factor

Gene Pathway

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

Related Disease

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