



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) 

HEXA monoclonal antibody (M06), clone 3D1

Catalog # : H00003073-M06

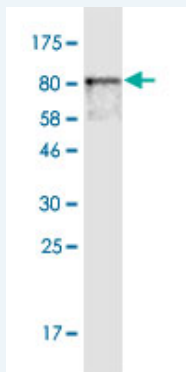
規格 : [50 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant HEXA.
Immunogen:	HEXA (AAH18927, 1 a.a. ~ 529 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MTSSRLWFSLLLAFAFRATLWPWPQNFQTSQDQRYVLYPNNFQFQ YDVSSAAQPGCSVLDEAFQRYRDLLFGSGSWPRPYLTGKRHTLEKNVL VSVVTPGCNQLPTLESVENYTLTINDDQCILLSETVWGALRGLETFSQ LVWKSAGETFFINKTEIEDFPRFPHRGLLLDTSRHYLPLSSILDTLDVMAY NKLNVFHWHLVDDPSFPYESFTFPELMRKGSYNPVTHIYAQDVKEVIEY ARLRGIRVLAEFDTPGHTLSWGPGIPGLLTPCYSGSEPSGTFGPVNPSL NNTYEFMSTFFLEVSSVFPDFYLHLGGDEVDFTCWKSNIQDFMRKKG FGEDFKQLESFYIQTLLDIVSSYGKGYVWQEVFDNKVKIQPDTIIQVWR EDIPVNYMKELELVTKAGFRALLSAPWYLNRSYGPDWKDFYVVEPLAFE GTPEQKALVIGGEACMWGEYVDNTNLVPRLWPRAGAVAERLWSNKLTS DLTFAYERLSHFRCCELLRRGVQAQPLNVGFCEQEFEQT
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (83.93 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](#)

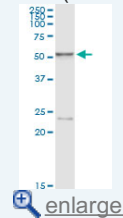
Datasheet: [Download](#)

Applications

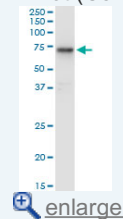
Western Blot (Tissue lysate)

Application Image

Western Blot (Tissue lysate)



Western Blot (Cell lysate)

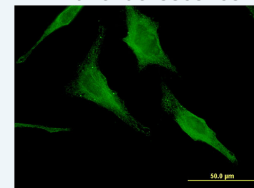


Western Blot (Transfected lysate)

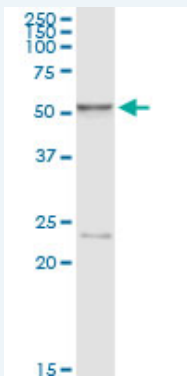


Western Blot (Recombinant protein)

Immunofluorescence



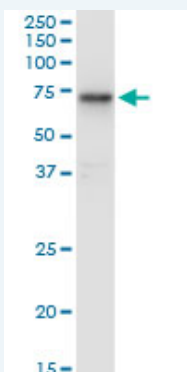
ELISA



HEXA monoclonal antibody (M06), clone 3D1. Western Blot analysis of HEXA expression in human kidney.

[Protocol Download](#)

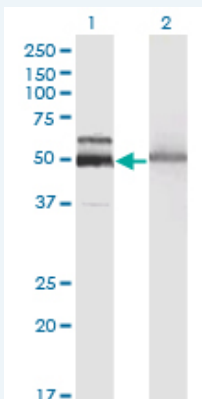
Western Blot (Cell lysate)



HEXA monoclonal antibody (M06), clone 3D1. Western Blot analysis of HEXA expression in HeLa.

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of HEXA expression in transfected 293T cell line by HEXA monoclonal antibody (M06), clone 3D1.

Lane 1: HEXA transfected lysate(60.7 KDa).

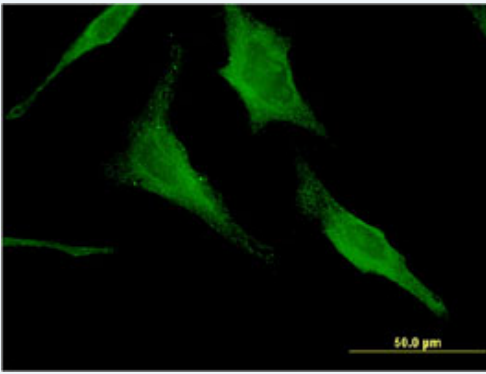
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to HEXA on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3073](#)

GeneBank Accession#: [BC018927](#)

Protein Accession#: [AAH18927](#)

Gene Name: HEXA

Gene Alias: MGC99608,TSD

Gene Description: hexosaminidase A (alpha polypeptide)

Omim ID: [272800](#), [606869](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the alpha subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl hydrolases. Mutations in the alpha or beta subunit genes lead to an accumulation of GM2 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Alpha subunit gene mutations lead to Tay-Sachs disease (GM2-gangliosidosis type I). [provided by RefSeq]

Other Designations: GM2 gangliosidosis,N-acetyl-beta-glucosaminidase,Tay Sachs disease,beta-N-acetylhexosaminidase,hexosaminidase A

Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#) [Glycosaminoglycan degradation](#)
[Glycosphingolipid biosynthesis - ganglio series](#)
[Glycosphingolipid biosynthesis - globo series](#) [Lysosome](#) [Metabolic pathways](#)
[Other glycan degradation](#)

Related Disease

[Genetic Predisposition to Disease](#) [Sandhoff Disease](#) [Tay-Sachs Disease](#)
[Tay-Sachs disease](#)

