



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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) 

HDAC6 monoclonal antibody (M01), clone 1E2

Catalog # : H00010013-M01

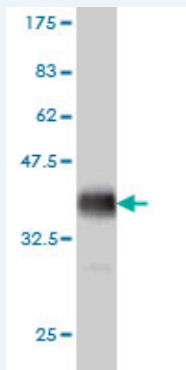
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant HDAC6.
Immunogen:	HDAC6 (NP_006035, 1128 a.a. ~ 1215 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DVTQPCGDCGTIQENWVCLSCYQVYCGRYINGHMLQHHGNSGHPLVLS YIDLSAWCYQCAYVHHQALLDVKNIAHQNKFGEDMPHPH
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.42 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

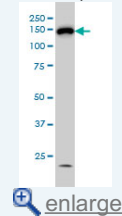
1. [Chemoproteomics profiling of HDAC inhibitors reveals selective targeting of HDAC complexes.](#)
Bantscheff M, Hopf C, Savitski MM, Dittmann A, Grandi P, Michon AM, Schlegl J, Abraham Y, Becher I, Bergamini G, Boesche M, Delling M, Dumpelfeld B, Eberhard D, Huthmacher C, Mathieson T, PoECKel D, Reader V, Strunk K, Sweetman G, Kruse U, Neubauer G, Ramsden NG, Drewes G. *Nat Biotechnol.* 2011 Jan 23. [Epub ahead of print]

Applications

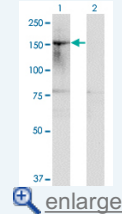
Western Blot (Cell lysate)

Application Image

Western Blot (Cell lysate)

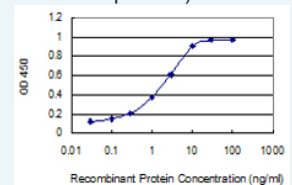


Western Blot (Transfected lysate)



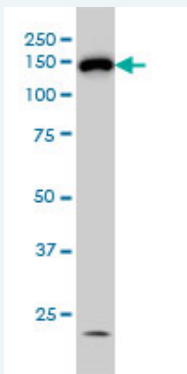
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

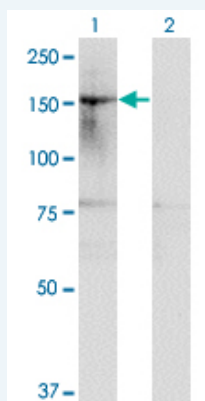
ELISA



HDAC6 monoclonal antibody (M01), clone 1E2 Western Blot analysis of HDAC6 expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of HDAC6 expression in transfected 293T cell line by HDAC6 monoclonal antibody (M01), clone 1E2.

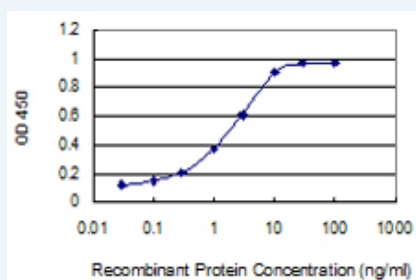
Lane 1: HDAC6 transfected lysate (Predicted MW: 131.4 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged HDAC6 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [10013](#)

GeneBank [NM_006044](#)

Accession#:

Protein [NP_006035](#)

Accession#:

Gene Name: HDAC6

Gene Alias: FLJ16239,HD6,JM21

Gene Description: histone deacetylase 6

Omim ID: [300272](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription. [provided by RefSeq]

Other Designations: OTTHUMP00000032398

Related Disease

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[Parkinson disease](#)

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