



# 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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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## HDAC1 monoclonal antibody (M11), clone 5A11

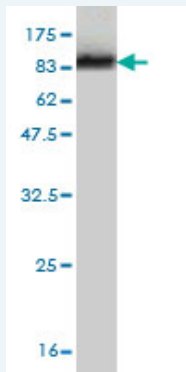
Catalog # : H00003065-M11

規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant HDAC1.
<b>Immunogen:</b>	HDAC1 (AAH00301, 1 a.a. ~ 482 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MAQTQGTRRKVCYYYDGDVGNYYGQGHPMKPHRIRMTNLLLNYGLY RKMEYRPHKANAEEEMTKYHSDDYIKFLRSIRPDNMSEYSKQMQRFNVGE DCPVFDGLFEFCQLSTGGSVASAVKLNKQQTDIAVNWAGGLHHAKKSE ASGFCYVNDMLAILELLKYHQRVLYIDIDIHHGDGVVEEAFYTTDRVMTVSF HKYGEYFPGTGLDRDIGAGKGYAVNYPLRDGIDDESIEAIFKPVMSKV MEMFQPSAVWLQCGSDSLSGDRLGCFNLTIKGHAKCVFVKSFNLPML MLGGGGYTIRNVARCWYETAVALDTEIPNELPYNDYFEYFGPDFKLHIS PSNMTNQNTNEYLEKIKQRLFENLRMLPHAPGVQMQAIPEDAIPESGDE DEDDPDKRISICSSDKRIACEEEFSDSEEEGEGGRKNSSNFKAKRVKTE DEKEKDPEEKKEVTEEEKTKEEKPEAKGVKKEEVKLA
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2a Kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (78.76 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](#)

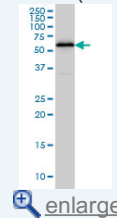
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

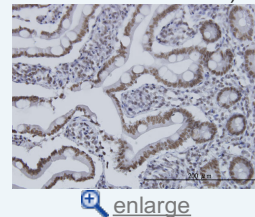
### Application Image

Western Blot (Cell lysate)

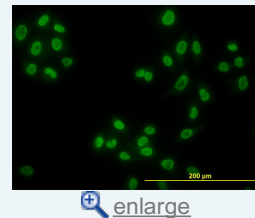


Western Blot (Recombinant protein)

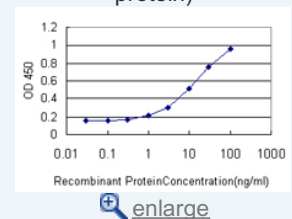
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



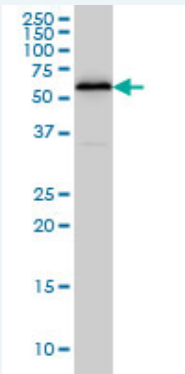
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



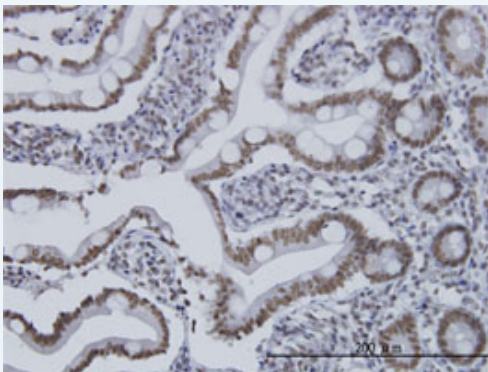
HDAC1 monoclonal antibody (M11), clone 5A11 Western Blot analysis of HDAC1 expression in HeLa S3 NE ( Cat # L013V3 ).

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

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

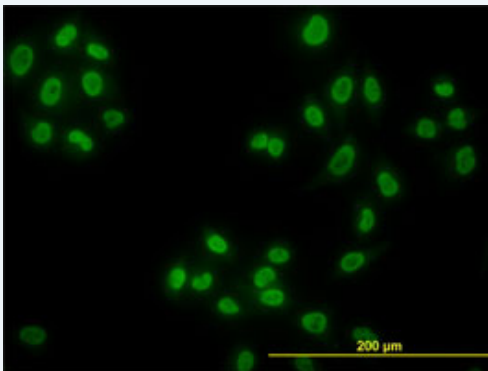


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to HDAC1 on formalin-fixed paraffin-embedded human small intestine. [antibody concentration 0.7 ug/ml]

[Protocol Download](#)

#### Immunofluorescence

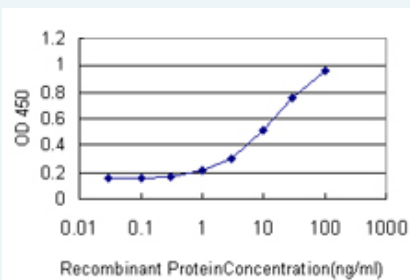


[enlarge this image](#)

Immunofluorescence of monoclonal antibody to HDAC1 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged HDAC1 is approximately 1 ng/ml as a capture antibody.

## ELISA

### Gene Information

**Entrez GeneID:** [3065](#)

**GeneBank Accession#:** [BC000301](#)

**Protein Accession#:** [AAH00301](#)

**Gene Name:** HDAC1

**Gene Alias:** DKFZp686H12203,GON-10,HD1,RPD3,RPD3L1

**Gene Description:** histone deacetylase 1

**Omim ID:** [601241](#)

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

**Gene Summary:** Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]

**Other Designations:** OTTHUMP00000008745,reduced potassium dependency, yeast homolog-like 1

### Gene Pathway

[Cell cycle](#) [Chronic myeloid leukemia](#) [Huntington's disease](#) [Notch signaling pathway](#)  
[Pathways in cancer](#)

### Related Disease

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[Huntington disease](#) [Mental Status](#) [Schedule Neoplasms, Glandular and Epithelial](#)  
[Ovarian cancer](#) [Ovarian Neoplasms](#) [Tobacco Use Disorder](#)