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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

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HDAC1 monoclonal antibody (M02), clone 3E1

Catalog # : H00003065-M02

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a full length recombinant HDAC1.

Immunogen: HDAC1 (AAH00301, 1 a.a. ~ 482 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

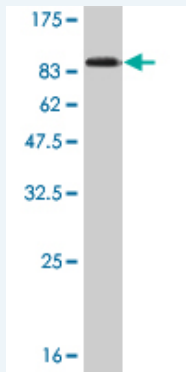
Sequence:
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 DCPVFDGLFEFCQLSTGGSVASAVKLNKQQTDIAVNWAGGLHHAKKSE
 ASGFCYVNDIMLAILELLKYHQRVLYIDIDIHGGDGVVEEAFYTTDRVMTVSF
 HKYGEYFPGTGDLRDIGAGKGYAVNYPLRDGIDDESIEAIFKPVMSKV
 MEMFQPSAVWLQCGSDSLSGDRLGCFNLTIKGHAKCVEFVKSFNLPML
 MLGGGGYTIRNVARCWYETAVALDTEIPNELPYNDYFEYF GPDFKLHIS
 PSNMTNQNTNEYLEKIKQRLFENLRMLPHAPGVQMQAIPEDAIPESGDE
 DEDDPDKRISICSSDKRIACEEEFSDSEEEGEGGRKNSSNFKKAQRVKTE
 DEKEKDPEEKKEVTEEEKTKEEKPEAKGVKKEEVKLA

Host: Mouse

Reactivity: Human, Mouse, Rat

Isotype: IgG1 Kappa

Quality Control Testing: 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](#)

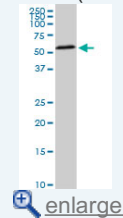
Datasheet: [Download](#)

Applications

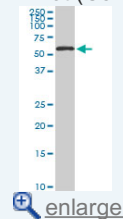
Western Blot (Cell lysate)

Application Image

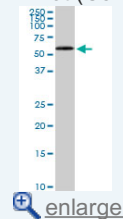
Western Blot (Cell lysate)



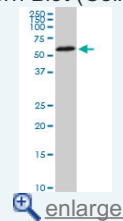
Western Blot (Cell lysate)



Western Blot (Cell lysate)

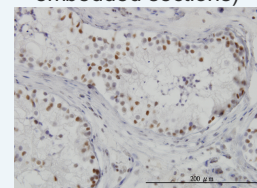


Western Blot (Cell lysate)

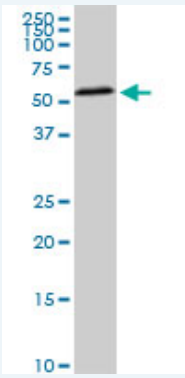


Western Blot (Recombinant protein)

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

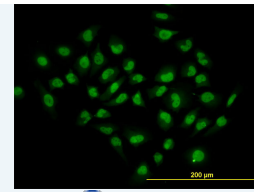


Immunofluorescence



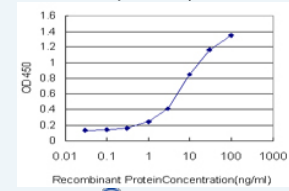
HDAC1 monoclonal antibody (M02), clone 3E1. Western Blot analysis of HDAC1 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)



[enlarge](#)

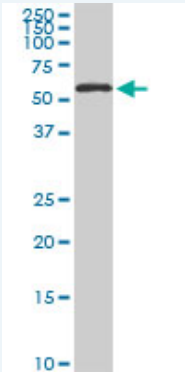
Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA

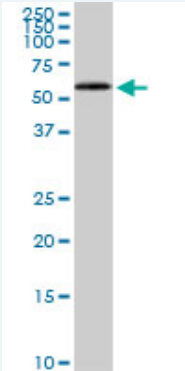
Western Blot (Cell lysate)



HDAC1 monoclonal antibody (M02), clone 3E1 Western Blot analysis of HDAC1 expression in HeLa S3 NE (Cat # L013V3).

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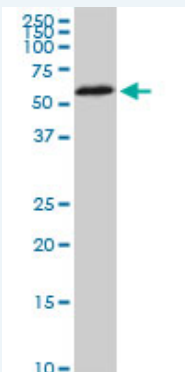
Western Blot (Cell lysate)



HDAC1 monoclonal antibody (M02), clone 3E1. Western Blot analysis of HDAC1 expression in Raw 264.7 (Cat # L024V1).

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Western Blot (Cell lysate)



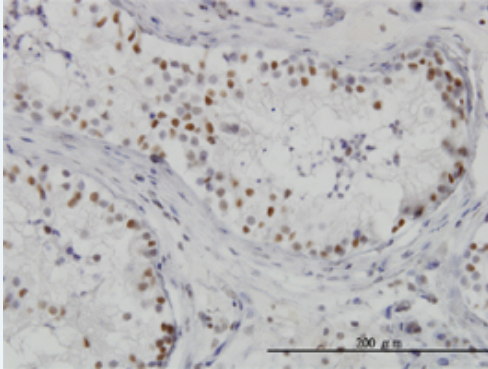
HDAC1 monoclonal antibody (M02), clone 3E1. Western Blot analysis of HDAC1 expression in NIH/3T3 (Cat # L018V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

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

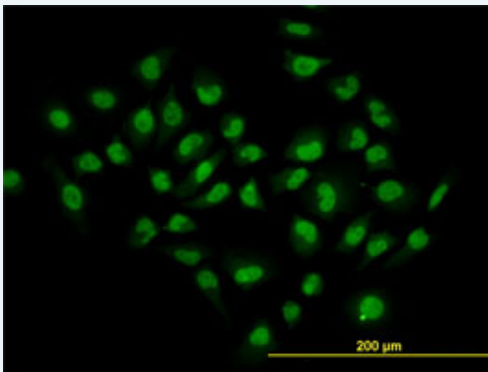


 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to HDAC1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]


 [Protocol Download](#)

Immunofluorescence

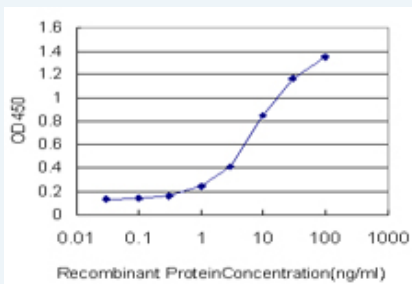


 [enlarge this image](#)

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 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3065](#)

GeneBank [BC000301](#)

Accession#:

Protein [AAH00301](#)

Accession#:

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](#)

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