

Mouse Monoclonal Antibody to HDAC4

Order Information

| | | |
|--------------------|-------|------|
| Catalog# | 20423 | |
| Size/Concentration | 100µl | 50µl |
| Price(¥) | 2180 | 1280 |

Description

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 possesses histone deacetylase activity and represses transcription when tethered to a promoter. This protein does not bind DNA directly, but through transcription factors MEF2C and MEF2D. It seems to interact in a multiprotein complex with RbAp48 and HDAC3.

Specification

Aliases : HD4; HDACA; HA6116; HDAC-A; KIAA0288; HDAC4

Entrez GeneID : 9759

Swissprot : P56524

clone : 7B2

WB Predicted band size : 119kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human HDAC4 expressed in E. Coli.

Formulation : Purified antibody in PBS containing 0.05% sodium azide.

Application

| | |
|-------|----------------|
| WB | 1/500 - 1/2000 |
| ELISA | 1/10000 |

References

1. Biochem Biophys Res Commun. 2008 Dec 19;377(3):852-6.
2. Curr Top Med Chem. 2009;9(3):235-40.
3. Nucleic Acids Res. 2010 May;38(9):2813-24.

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Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

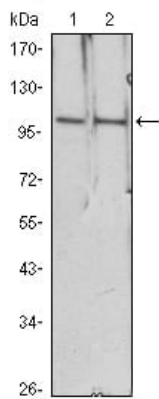
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

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Western blot analysis using HDAC4 mouse mAb against HeLa (1), Jurkat (2) cell lysate.

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