



HDAC4 Mouse Monoclonal Antibody

E10-20423

Background: 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.

Catalog Number: E10-20423

Amount: 100µg/100µl

Clone Number: 7B2

Species: Mouse IgG1

MW: 119kDa

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

Entrez Gene: 9759

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

Storage: Store at 4 °C for long term storage, store at -20 °C for short term storage

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB,ELISA.Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB 1/500 - 1/2000,.ELISA: Propose dilution 1/10000.

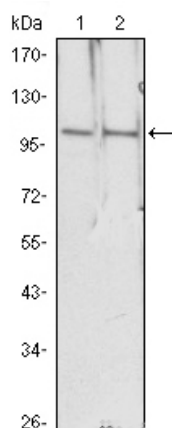


Figure 1: Western blot analysis using HDAC4 mouse mAb against HeLa (1), Jurkat (2) cell lysate.

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