



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to 20423

Catalog Number: MAB-606020423

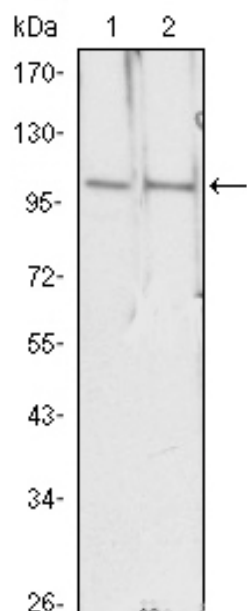


Figure 1: Western blot analysis using HDAC4 mouse mAb against Hela (1), Jurkat (2) cell lysate.

Lot#:
Clone#: 7B2
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 119kDa
Aliases: HD4; HDACA; HA6116;
HDAC-A; KIAA0288; HDAC4
Entrez Gene: 9759
Species reactivity: Human

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.

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

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4iæ, for long term storage, store at -20iæ.

Related product

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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