BT LAB
Bioassay Technology Laboratory

Optimize Your Research

HDAC4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2920
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human HDAC4 expressed in E. Coli.
Mol wt	119kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	HD4;HDACA;HA6116;HDAC-A;KIAA0288;HDAC4

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

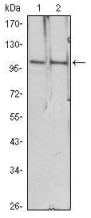
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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