
Product Name: HDAC4 Mouse Monoclonal Antibody**Catalog #: AMM80796**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	119kDa

Antigen Information

Gene Name	HDAC4
Alternative Names	HD4; HDACA; HA6116; HDAC-A; KIAA0288; HDAC4
Gene ID	9759.0
SwissProt ID	P56524
Immunogen	Purified recombinant fragment of human HDAC4 expressed in E. Coli.

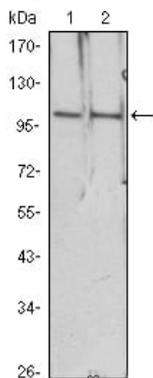
Background

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.

Research Area

Image Data



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