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Datasheet

HDAC4 monoclonal antibody, clone 7B2

Catalog Number: MAB17694

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant human HDAC4.

Clone Name: 7B2

Immunogen: Recombinant protein corresponding to human HDAC4 from *E. coli*.

Host: Mouse

Theoretical MW (kDa): 119

Reactivity: Human

Applications: WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Isotype: IgG1

Recommend Usage: ELISA (1:10000)
Flow Cytometry
Immunocytochemistry
Immunohistochemistry
Western Blot (1:500-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In ascites (0.03% sodium azide).

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9759

Gene Symbol: HDAC4

Gene Alias: HA6116, HD4, HDAC-A, HDACA, KIAA0288

Gene Summary: 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. [provided by RefSeq]