

## HDAC4 monoclonal antibody

Catalog: MB22029

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

119kDa

### Swiss-Prot:

P56524

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

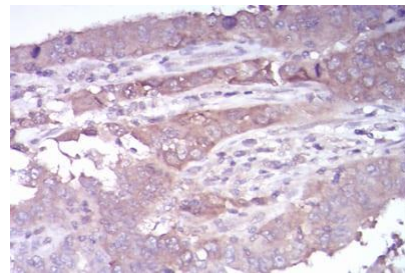
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

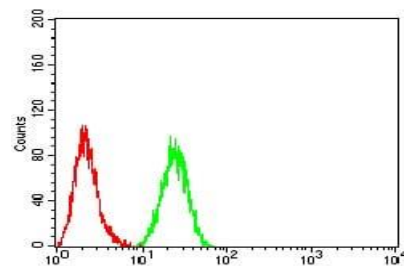
### Isotype:

Mouse IgG1

### DATA:



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using HDAC4 mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using HDAC4 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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