

# HDAC4 Antibody

Purified Mouse Monoclonal Antibody  
Catalog # AO1345a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P56524</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	7B2
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	119040 Da
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human HDAC4 expressed in E. Coli.
<b>Formulation</b>	Ascitic fluid containing 0.03% sodium azide.

## Additional Information

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<b>Other Names</b>	Histone deacetylase 4, HD4, 3.5.1.98, HDAC4, KIAA0288
<b>Dilution</b>	WB~~1/500 - 1/2000 E~~N/A
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	HDAC4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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## References

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## Images

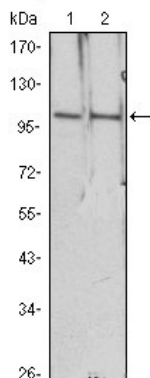


Figure 1: Western blot analysis using HDAC4 mouse mAb against HeLa (1), Jurkat (2) cell lysate.

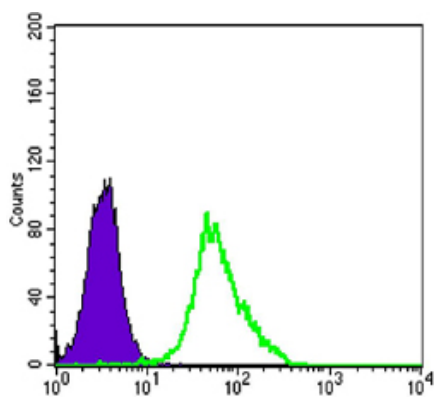


Figure 3: Flow cytometric analysis of HeLa cells using anti-MAP2K2 mAb (green) and negative control (purple).

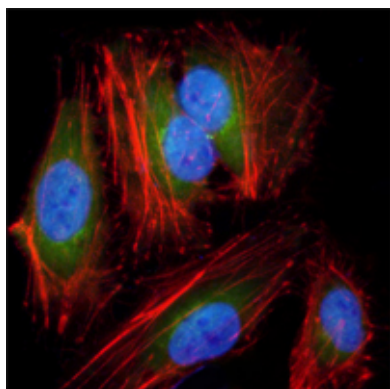


Figure 2: Immunofluorescence analysis of HeLa cells using anti-MAP2K2 mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

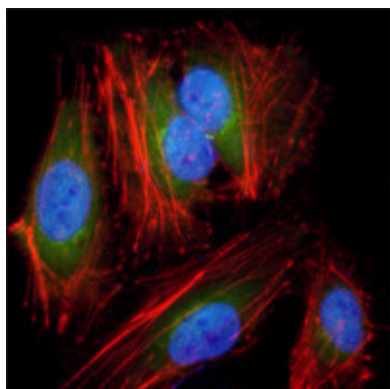


Figure 2: Immunofluorescence analysis of HeLa cells using anti-MAP2K2 mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.