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10-6604: Mouse Monoclonal Antibody to HDAC2 (Center)(Clone: 1194CT18.5.1)(Discontinued)

Clonality :	Monoclonal
Clone Name :	1194CT18.5.1
Application :	WB
Reactivity :	Human
Gene :	HDAC2
Gene ID :	3066
Uniprot ID :	Q92769
Format :	Purified
Alternative Name :	Histone deacetylase 2, HD2, HDAC2
Isotype :	Mouse IgG1

Description

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Forms transcriptional repressor complexes by associating with MAD, SIN3, YY1 and N-COR. Interacts in the late S-phase of DNA-replication with DNMT1 in the other transcriptional repressor complex composed of DNMT1, DMAP1, PCNA, CAF1. Deacetylates TSHZ3 and regulates its transcriptional repressor activity. Component of a RCOR/GFI/KDM1A/HDAC complex that suppresses, via histone deacetylase (HDAC) recruitment, a number of genes implicated in multilineage blood cell development.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:1000

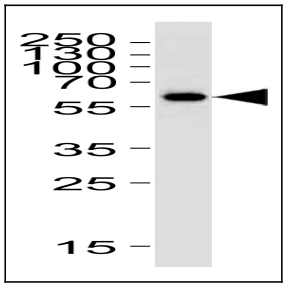

Figure 1: Western blot analysis of HDAC2 Antibody (10-6604) in Hela cell lysate (35Î¼g/lane). This demonstrates that the HDAC2 antibody detected HDAC2 protein.