

bsm-60742M**[Primary Antibody]**

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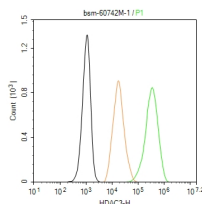
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HDAC3 Recombinant Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG2b, Kappa	Applications: WB (1:500-1000) Flow-Cyt (1:50-100) Reactivity: Human Predicted MW.: 47 kDa Subcellular Location: Cell membrane ,Nucleus
Clonality: Recombinant	CloneNo.: A11D3	
GeneID: 8841	SWISS: O15379	
Target: HDAC3		
Purification: affinity purified by Protein G		
Concentration: 1mg/ml		
Storage: PBS, Glycerol, BSA. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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 the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. It may participate in the regulation of transcription through its binding with the zinc-finger transcription factor YY1. This protein can also down-regulate p53 function and thus modulate cell growth and apoptosis. This gene is regarded as a potential tumor suppressor gene. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Mouse Anti-HDAC3 antibody (bsm-60742M, 1:100); Isotype Control (orange): Mouse IgG (bs-0296P). Blank control (black): PBS. Acquisition of 20,000 events was performed.