

**bsm-60742M****[ Primary Antibody ]****HDAC3 Recombinant Mouse mAb**

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**— DATASHEET —****Host:** Mouse**Clonality:** Recombinant**GeneID:** 8841**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]

**Isotype:** IgG2b, Kappa**CloneNo.:** A11D3**SWISS:** O15379**Applications:** WB (1:500)**IHC-P** (1:100-500)**IHC-F** (1:400-800)**IF** (1:50)**ICC/IF** (1:50)**Reactivity:** (predicted: Human, Mouse, Rat)**Predicted MW.:** 47 kDa**Subcellular Location:** Cell membrane ,Nucleus