

## HDAC3 Recombinant Rabbit mAb

Catalog Number: bsm-52084R

Target Protein: HDAC3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 6F11

Isotype: IgG

Applications: WB (1:500-2000), ICC/IF (1:50-200)

Reactivity: Human, Mouse, Rat

Predicted MW: 47 kDa

Entrez Gene: 8841

Swiss Prot: O15379

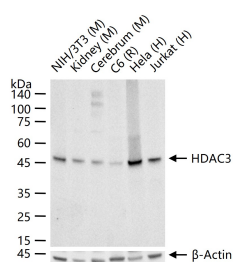
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

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



25 ug total protein per lane of various lysates (see on figure) probed with HDAC3 monoclonal antibody, unconjugated (bsm-52084R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.