

## HDAC2 Recombinant Rabbit mAb

Catalog Number: bsm-52083R

Target Protein: HDAC2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 3F9

Isotype: IgG

Applications: WB (1:500-2000), Flow-Cyt (1µg/Test), ICC/IF (1:50-1:200)

Reactivity: Human, Mouse, Rat

Predicted MW: 53 kDa

Entrez Gene: 3066

Swiss Prot: Q92769

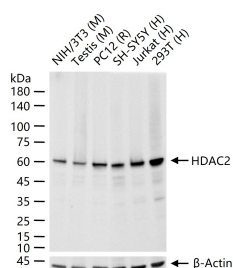
Purification: affinity purified by Protein A

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

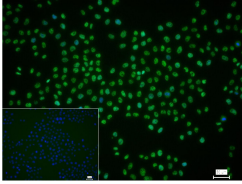
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq].

### VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with HDAC2 monoclonal antibody, unconjugated (bsm-52083R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



4% Paraformaldehyde-fixed HeLa (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (HDAC2) monoclonal Antibody, unconjugated (bsm-52083R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-40295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.