

# HDAC1 Mouse mAb

Catalog No.: A18304 **2 Publications**

## Basic Information

### Observed MW

62kDa

### Calculated MW

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

### CloneNo number

AMC0232

## Background

Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 393-482 of human HDAC1 (Q13547).

### Synonyms

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG1, Kappa

### Purification

Affinity purification

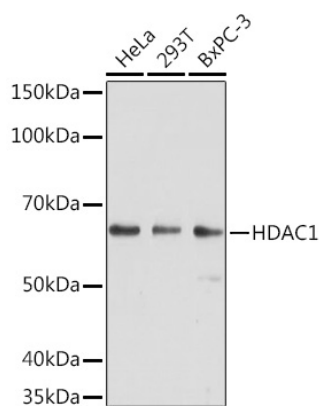
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using HDAC1 Mouse mAb (A18304) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.