# **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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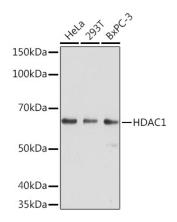
# **Product Information**

SourceIsotypePurificationMouseIqG1,KappaAffinity purification

### **Storage**

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

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



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.