

Recombinant

DGRmAb®

**HDAC1 (DGR13518) Rabbit mAb**

db11944

Package : 10µL 20µL 50µL 100µL

**Product Name** : HDAC1 (DGR13518) Rabbit mAb**Cat.No.:** db11944**Synonyms** : HD1; RPD3; GON-10; RPD3L1**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human HDAC1

**Gene ID**

3065

**Swiss Prot**

Q13547

**Synonyms**

HD1; RPD3; GON-10; RPD3L1

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:50-1:100

ICC/IF: 1:50

FC: 1:20-1:50

IP: 1:20-1:50

**Calculated MW**

55 kDa

**Observed MW**

62 kDa

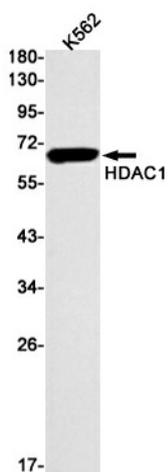
**Host species**

Rabbit

**Clonality**

Monoclonal

<b>Clonality No.</b>	DGR13518
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of HDAC1 in K562 cell lysates using HDAC1 antibody(1:1000 diluted).



Immunofluorescent analysis of Jurkat cells using db11944 antibody (green), and DAPI (blue).

