Recombinant DGRmAb®

HDAC1 (DGR13518) Rabbit mAb (AF488)

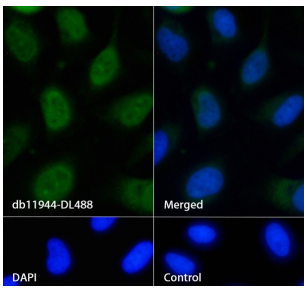
db11944-DL488 **Package : 100μL**

Product Name : HDAC1 (DGR13518) Rabbit mAb (AF488)
Cat.No.: db11944-DL488
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	ICC/IF: 1:200
Calculated MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13518
Isotype	IgG
Purity	Affinity Purification
Conjugation	AF488

Concentration 1 mg/mL

Storage Stability Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling HDAC1 with db11944-DL488.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11944-DL488 (1:200, shown in green) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: DAPI only.