HDAC4 (4A3) Mouse mAb

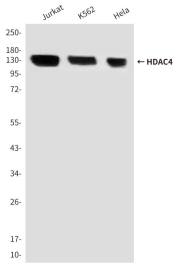
db6014 **Package : 50μL 100μL**

Product Name : HDAC4 (4A3) Mouse mAb
Cat.No.: db6014
Synonyms : EC 35198; HA6116; HD 4; HD4; HDAC 4; HDAC A; HDAC4; HDAC4_HUMAN; HDACA; Histone Deacetylase 4; Histone Deacetylase A; KIAA0288
Application : WB, IP
Reactivity : Human, Mouse, Rat, Monkey
Host species : Mouse

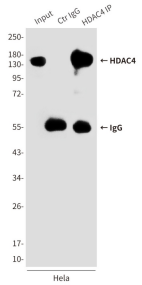
Background	Swiss-Prot Acc.P56524.Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. Involved in muscle maturation via its interaction with the myocyte enhancer factors such as MEF2A, MEF2C and MEF2D.
Immunogen	Purified recombinant human HDAC4 protein fragments expressed in E.coli
Gene ID	9759
Swiss Prot	P56524
Synonyms	EC 35198; HA6116; HD 4; HD4; HDAC 4; HDAC A; HDAC4; HDAC4_HUMAN; HDACA; Histone Deacetylase 4; Histone Deacetylase A; KIAA0288
Reactivity	Human, Mouse, Rat, Monkey
Application	WB, IP
Recommended dilution	WB: 1:500-1:1000
Calculated MW	119 kDa
Observed MW	140 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	4A3-H7-C6
Isotype	IgG2a
Purity	Affinity Purification

Conjugation Un-conjugated

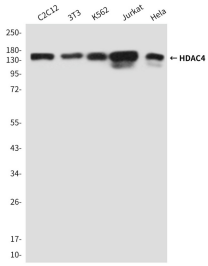
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of HDAC4 in Jurkat, Hela and K562 lysates using HDAC4 antibody.



Immunoprecipitation analysis of HDAC4 (4A3) in Hela lysates using HDAC4 antibody.



Western blot analysis of HDAC4 (4A3) in C2C12, 3T3, K562, Jurkat and Hela lysates using HDAC4 antibody.