



HDAC4 (4A3) Mouse mAb

db6014 Package : 50μL 100μL

Product Name: HDAC4 (4A3) Mouse mAb

Cat.No.: db6014

Synonyms: EC 35198; HA6116; HD 4; HDAC 4; HDAC 4; HDAC 4; HDAC 4 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; HDAC 4; HDAC A; HDAC4; HDAC4 HUMAN; HDACA; Histone

Deacetylase 4; Histone Deacetylase A; KIAA0288

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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



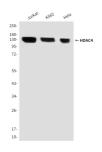


Conjugation

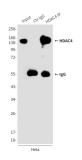
Un-conjugated

Storage Stability

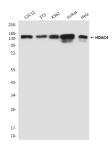
Store at -20 $^{\circ}$ C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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.