

HDAC4 (4A3) MOUSE MAB

Cat.#: N261008

Product Name: Anti-HDAC4 (4A3) Mouse Monoclonal Antibody

Synonyms: EC 3.5.1.98; HA6116; HD 4; HD4; HDAC 4; HDAC A; HDAC4; HDAC4_HUMAN; HDACA; Histone Deacetylase 4; Histone Deacetylase A; KIAA0288.

UNIPROT ID: P56524

Background: 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

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4A3-H7-C6

MW: Calculated MW: 119 kDa; Observed MW: 140 kDa

Isotype: IgG2a

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat,Monkey

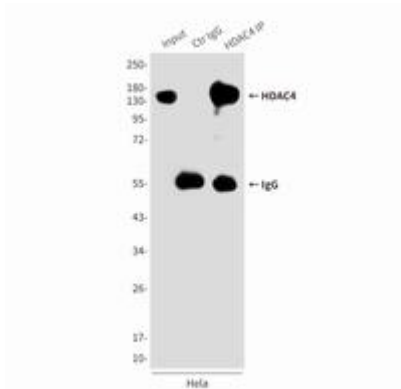
Conjugation: Unconjugated

Modification: Unmodified

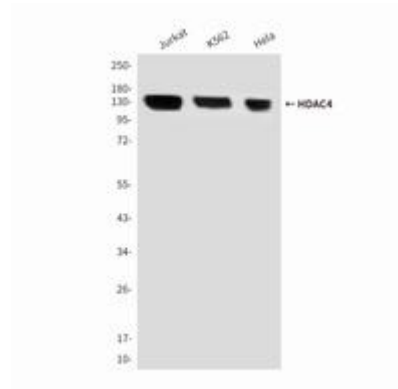
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics, Histone Acetylation

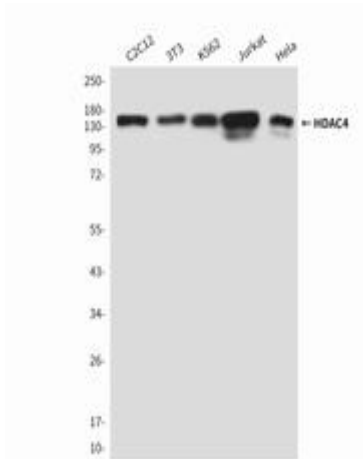
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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



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