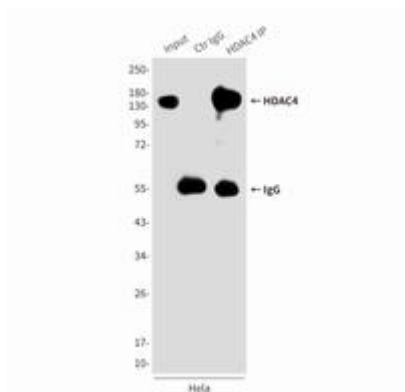
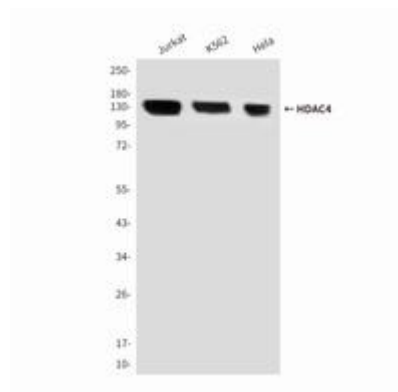


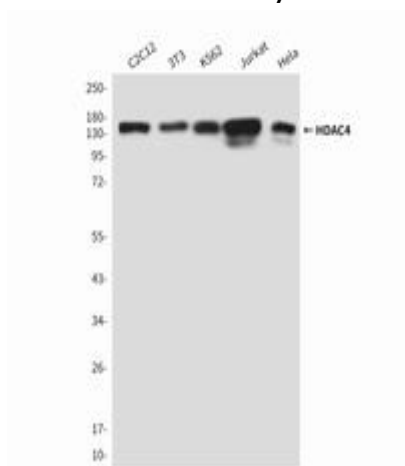
HDAC4 (4A3) MOUSE MAB**Cat.#:** N261008**Product Name:** Anti-HDAC4 (4A3) Mouse Monoclonal Antibody**Synonyms:** EC 3.5.1.98; HA6116; HD 4; HD4; HDAC 4; HDAC A; HDAC4; HDAC4_HUMAN; HDACA; Histone Deacetylase 4; Histone Deacetylase A; KIAA0288.**UNIPROT ID:** P56524**Background:** Responsible for the 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.