

Anti-HDAC4 Mouse mAb

Purified Mouse Monoclonal Antibody

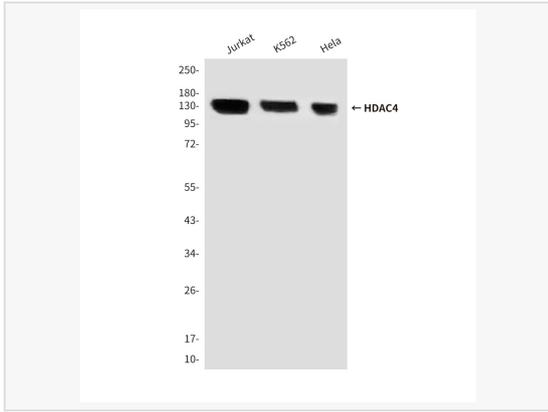
Catalog # M010870

Product Information

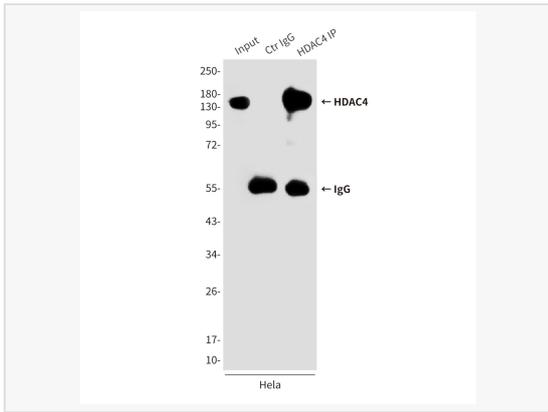
Application	WB, IP, ELISA
Reactivity	Human, Mouse (Cell), Rat, Monkey
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	18L89L31
Isotype	IgG2a
Label	Unconjugated
Immunogen	Purified recombinant human HDAC4 protein fragments expressed in E.coli
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-HDAC4 antibody [18L89L31] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

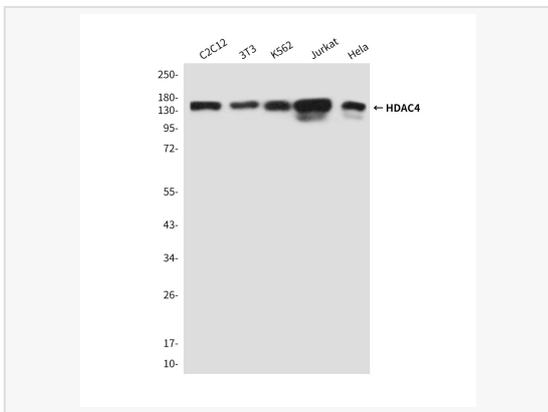
Synonyms	EC 35198, HA6116, HD 4, HD4, HDAC 4, HDAC A, HDAC4, HDAC4_HUMAN, HDACA, Histone Deacetylase 4, Histone Deacetylase A, KIAA0288.
Calculated MW	Calculated MW: 119 kDa; Observed MW: 140 kDa
Uniprot ID	P56524
Gene ID	9759
Background	Responsible for the deacetylation of lysine residues on the N-terminal 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.



Western blot analysis of HDAC4 in Jurkat, HeLa and K562 lysates using HDAC4 antibody [18L89L31].



Immunoprecipitation analysis of HDAC4 in HeLa lysates using HDAC4 antibody [18L89L31].



Western blot analysis of HDAC4 in C2C12, 3T3, K562, Jurkat and HeLa lysates using HDAC4 antibody [18L89L31].