

HDAC2 RABBIT MAB

Cat.#: N262318

Product Name: Anti-HDAC2 Rabbit Monoclonal Antibody

Synonyms: HDAC2; Histone deacetylase 2; HD2

UNIPROT ID: Q92769

Background: In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino-terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA.

Immunogen: Recombinant protein of human HDAC2

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-4E4

MW: Calculated MW: 55 kDa; Observed MW: 60 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

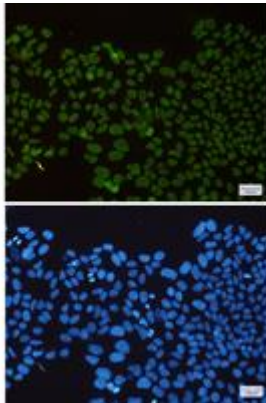
Conjugation: Unconjugated

Modification: Unmodified

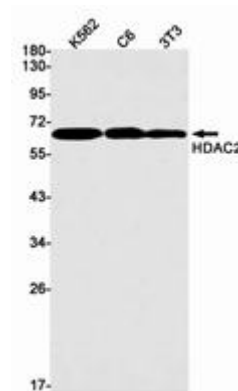
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics,Histone Acetylation

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



Immunocytochemistry analysis of HDAC2 (green) in Hela using HDAC2 antibody, and DAPI (blue)



Western blot analysis of HDAC2 in K562, C6, 3T3 lysates using HDAC2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using HDAC2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.