

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HDAC2 (2D9) MOUSE MAB

Cat.#: N261418

Product Name: Anti-HDAC2 (2D9) Mouse Monoclonal Antibody **Synonyms:** HDAC2; Histone deacetylase 2; HD2 **UNIPROT ID:** Q92769

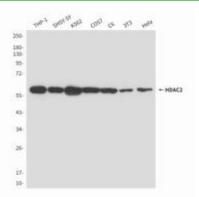
Background: In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal 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:** Purified recombinant human HDAC2 protein fragments expressed in E.coli.

Applications: WB,ICC/IF Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 Host Species: Mouse Clonality: Mouse Monoclonal Clone ID: 2D9-F6-G7 MW: Calculated MW: 55 kDa; Observed MW: 60 kDa Isotype: IgG2b 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 and Nuclear Signaling Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Western blot analysis of HDAC2 in THP-1, SH-SY5Y, K562, COS7, C6, 3T3 and Hela lysates using HDAC2 antibody.