

HDAC2 (2D9) Mouse mAb (PBS Only)

db6345-PBS

Package : 可询价

Product Name : HDAC2 (2D9) Mouse mAb (PBS Only)**Cat.No.:** db6345-PBS**Synonyms** : HDAC2; Histone deacetylase 2; HD2**Application** : WB, ICC/IF**Reactivity** : Human, Mouse, Rat, Monkey**Host species** : Mouse**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. Forms transcriptional repressor complexes by associating with MAD, SIN3, YY1 and N-COR. Interacts in the late S-phase of DNA-replication with DNMT1 in the other transcriptional repressor complex composed of DNMT1, DMAP1, PCNA, CAF1. Deacetylates TSHZ3 and regulates its transcriptional repressor activity. Component of a RCOR/GFI/KDM1A/HDAC complex that suppresses, via histone deacetylase (HDAC) recruitment, a number of genes implicated in multilineage blood cell development. May be involved in the transcriptional repression of circadian target genes, such as PER1, mediated by CRY1 through histone deacetylation. Involved in MTA1-mediated transcriptional corepression of TFF1 and CDKN1A.

Immunogen

Purified recombinant human HDAC2 protein fragments expressed in E.coli

Gene ID

3066

Swiss Prot

Q92769

Synonyms

HDAC2; Histone deacetylase 2; HD2

Reactivity

Human, Mouse, Rat, Monkey

Application

WB, ICC/IF

Calculated MW

55 kDa

Observed MW

60 kDa

Host species

Mouse

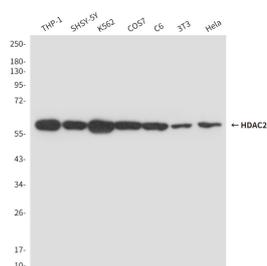
Clonality

Monoclonal

Clonality No.

2D9-F6-G7

Isotype	IgG2b
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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