

SIRT2 (1D4) MOUSE MAB

Cat.#: N261038

Product Name: Anti-SIRT2 (1D4) Mouse Monoclonal Antibody

Synonyms: SIRT2; SIR2L; SIR2L2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; SIR2-like protein 2

UNIPROT ID: Q8IXJ6

Background: Participate in a variety of cellular functions, including histone deacetylation, gene silencing, chromosomal stability, and aging. SIRT2, a human homolog of the yeast SIR2, functions as transcriptional silencing mediator at mating-type loci, telomeres and ribosomal gene clusters. SIRT2 expression increases dramatically during mitosis and is multiply phosphorylated at the G(2)/M transition of the cell cycle.

Immunogen: Purified recombinant human SirT2 protein 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: 1D4-H11-H11

MW: Calculated MW: 43 kDa; Observed MW: 43 kDa

Isotype: IgG2b

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

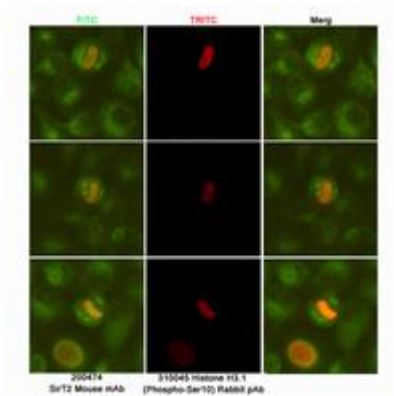
Conjugation: Unconjugated

Modification: Unmodified

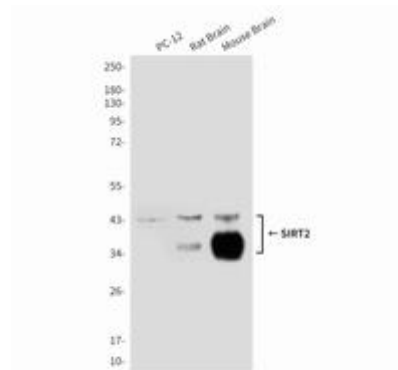
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

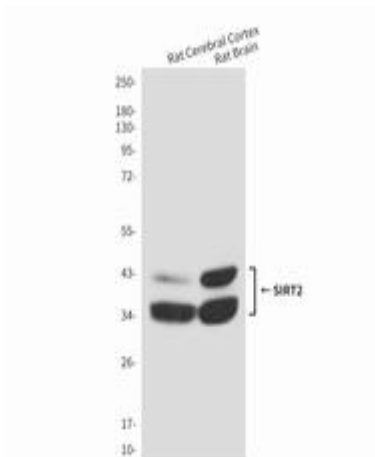
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of SIRT2 (ID4) in HeLa using SirT2 antibody (green) and Histone H3.1 (Phospho-Ser10) (310045) antibody (red).



Western blot analysis of SirT2 in PC-12, rat Brain and mouse Brain lysates using SirT2 antibody.



Western blot analysis of SIRT2 (ID4) in rat Cerebral Cortex and rat Brain lysates using SirT2 antibody.