

**SIRT2 (1D4) monoclonal antibody**

Catalog: MB3013

Host: Mouse

Reactivity: Human, Mouse, Rat

**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.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 43 kDa; Observed MW: 43 kDa

**Swiss-Prot:**

Q8IXJ6

**Purification&Purity:**

Affinity Purified

**Applications:**

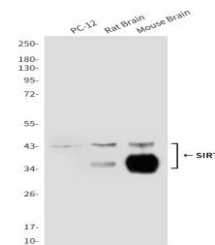
WB: 1/500-1/1000 IF: 1/50-1/200

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

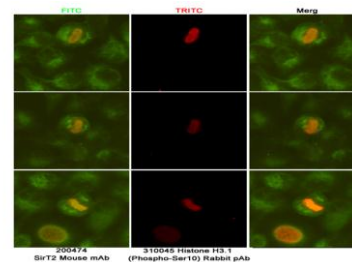
**Isotype:**

IgG2b

**DATA:**

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

Immunofluorescence analysis of SIRT2 in HeLa using SirT2 antibody and Histone H3.1 antibody.



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

**Note:**

For research use only, not for use in diagnostic procedure.

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