SIRT2 (1D4) Mouse mAb

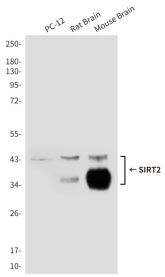
db6071 **Package : 50μL 100μL**

Product Name : SIRT2 (1D4) Mouse mAb
Cat.No.: db6071
Synonyms : SIRT2; SIR2L; SIR2L2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; SIR2-like protein 2
Application : WB, ICC/IF
Reactivity : Human, Mouse, Rat
Host species : Mouse

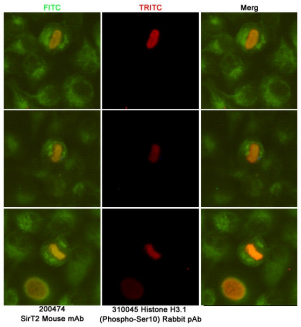
Background	Participate in a variety of cellular functions, including histone deacetylation, gene silencing, chromosomal stability, and aging. SIRT2, a human homolog of the yeast SIR2, functions as transcriptional silencing mediator at mating-type loci, telomeres and ribosomal gene clusters. SIRT2 expression 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
Gene ID	22933
Swiss Prot	Q8IXJ6
Synonyms	SIRT2; SIR2L; SIR2L2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; SIR2-like protein 2
Reactivity	Human, Mouse, Rat
Application	WB, ICC/IF
Recommended dilution	WB: 1:500-1:1000 ICC/IF: 1:50-1:200
Calculated MW	43 kDa
Observed MW	43 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	1D4-H11-H11
Isotype	IgG2b
Purity	Affinity Purification

Conjugation Un-conjugated

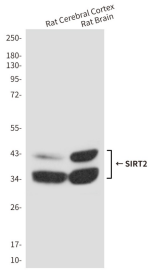
Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



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



Immunofluorescence analysis of SIRT2 (1D4) in Hela using SirT2 antibody(green) and Histone H3.1 (Phospho-Ser10) (310045) antibody(red).



Western blot analysis of SIRT2 (1D4) in rat Cerebral Cortex and rat Brain lysates using SirT2 antibody.