
Product Name: SIRT2 (1D4) Mouse Monoclonal Antibody**Catalog #: AMM03445**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 43 kDa

Antigen Information

Gene Name	SIRT2
Alternative Names	SIRT2; SIR2L; SIR2L2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; SIR2-like protein 2
Gene ID	22933
SwissProt ID	Q8IXJ6
Immunogen	A synthetic peptide of human SIRT2

Background

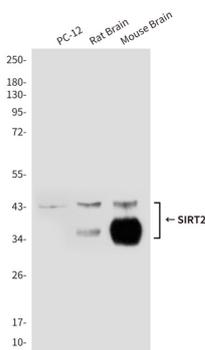
Participate in a variety of cellular functions, including histone deacetylation, gene silencing, chromosomal stability, and aging.

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.

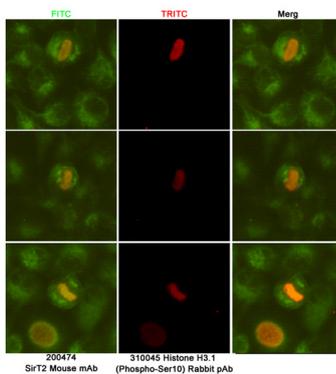
Research Area

Epigenetics and Nuclear Signaling

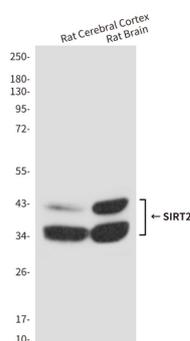
Image Data



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.