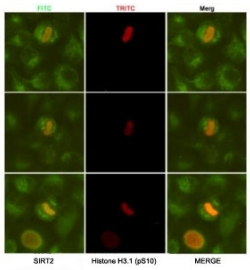
SIRT2 Antibody [clone 1D4-H11-H11] (F54053)

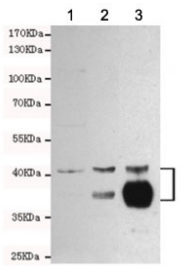
Catalog No.	Formulation	Size
F54053-0.1ML	Antibody in PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

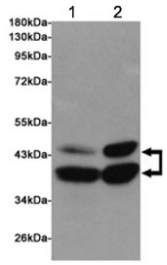
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	1D4-H11-H11
Purity	Protein G affinity
UniProt	Q8IXJ6
Applications	Western Blot : 1:1000 ICC/IF : 1:50
Limitations	This SIRT2 antibody is available for research use only.



ICC/IF analysis of HeLa cells, fixed fixed by anhydrous methanol at -20oC, using SIRT2 antibody at 1:50 (green) and Histone H3.1 (pSer10) antibody at 1:200 (red).



Western blot testing of 1) rat PC12, 2) rat brain and 3) mouse brain lysates using SIRT2 antibody at 1:1000. Predicted molecular weight: multiple isoforms between 36-43 kDa.



Western blot testing of 1) rat cerebral cortex and 2) rat brain lysates using SIRT2 antibody at 1:1000. Predicted molecular weight: multiple isoforms between 36-43 kDa.

Description

Sirtuin 2 is an NAD-dependent protein deacetylase, which deacetylates internal lysines on histone and alpha-tubulin as well as many other proteins such as key transcription factors. Participates in the modulation of multiple and diverse biological processes such as cell cycle control, genomic integrity, microtubule dynamics, cell differentiation, metabolic networks, and autophagy. Plays a major role in the control of cell cycle progression and genomic stability. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the SIRT2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant protein was used as the immunogen for this SIRT2 antibody.

Storage

Store the SIRT2 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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