

## Catalog #: 52735

### Aliases

SIRT2; Sirtuin 2; SIR2L; NAD-Dependent Protein Deacetylase Sirtuin-2; NAD-Dependent Protein Deacetylase Sirtuin-2; Regulatory Protein SIR2 Homolog 2; SIR2-Like Protein 2; SIR2L2; Sirtuin (Silent Mating Type Information Regulation 2 Homolog) 2 (S. Cerevisiae); Sirtuin (Silent Mating Type Information Regulation 2, S. Cerevisiae, Homolog) 2; NAD-Dependent Deacetylase Sirtuin-2; Silent Information Regulator 2; Sir2-Related Protein Type 2; Sirtuin Type 2; EC 2.3.1.286; EC 2.3.1.-; SIR2

### Background

Gene Name: SIRT2

NCBI Gene Entry: 22933

UniProt Entry: Q8IXJ6

### Application Information

Molecular Weight: Predicted, 43 kDa; observed, 43 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB6915

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (ICC)

### Immunogen

Recombinant protein of human SIRT2

### Isotype

Mouse IgG

### Storage Buffer

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

### Storage

Store at -20 °C for one year.

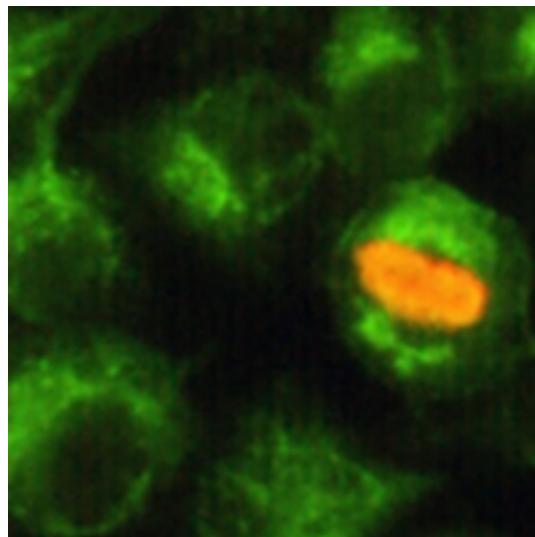
### Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

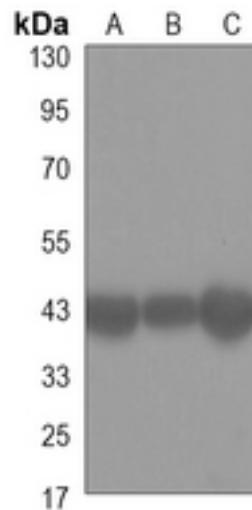
Immunocytochemistry (ICC): 1:50-1:100

**Note:** This product is for research use only.

## Validation Data



Immunocytochemical analysis of SIRT2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



Western blotting analysis of SIRT2 expression in PC12 (A), rat brain (B), mouse brain (C) whole cell lysates.