

Datasheet for ABIN1169092

anti-SIRT2 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SIRT2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant human sirtuin 2.
Clone:	S2R233-1
Isotype:	IgG2b
Specificity:	Recognizes human sirtuin 2. Detects a band of ~45 kDa by Western blot.
Cross-Reactivity:	Human
Sterility:	0.2 µm filtered

Target Details

Target:	SIRT2
Alternative Name:	Sirtuin 2 (SIRT2 Products)
Background:	Sirtuin-2 is a NAD-dependent protein deacetylase, which deacetylates the 'Lys-40' of a-tubulin. It

Target Details

is involved in the control of mitotic exit in the cell cycle. Furthermore, a variety of age-associated diseases such as type 2 diabetes, obesity, osteoporosis, and Alzheimer's disease are associated with sirtuins. Selective inhibition of Sirtuin-2 achieves neuroprotection and identifies Sirtuin-2 to be a potential therapeutic avenue in Huntington's and Parkinson's disease.

UniProt: [Q8IXJ6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.2µm-filtered solution in PBS, pH 7.4. Contains no preservatives.

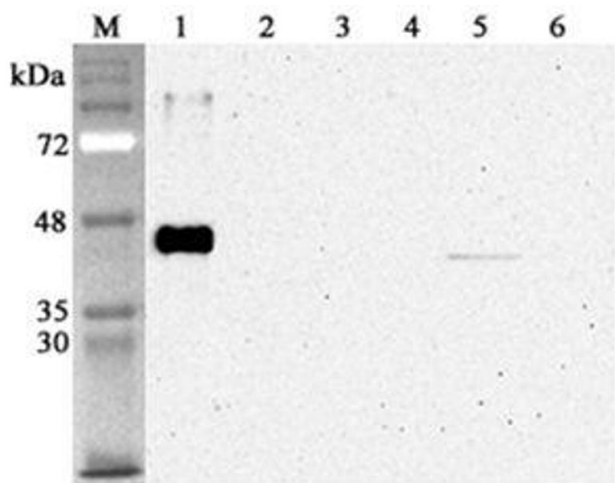
Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months

Images



Western Blotting

Image 1. Western blot analysis using anti-Sirtuin 2 (human), mAb (S2R233-1) at 1:4'000 dilution. 1: Human sirtuin 2 (His-tagged). 2: Human sirtuin 1 (His-tagged). 3: Human sirtuin 5 (His-tagged). 4: Human sirtuin 6 (His-tagged). 5: HEK 293 cell lysate. 6: Human globular Adiponectin (His-tagged) (negative control).