Datasheet for ABIN4902262

anti-SIRT2 antibody

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Overview

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

Product Details

Purpose:	Mouse monoclonal to SirT2.
Immunogen:	Purified recombinant human SirT2 protein expressed in E.coli.
Clone:	1D4-H11-H11
Isotype:	IgG2b
Specificity:	This antibody detects endogenous levels of SirT2 and does not cross-react with related proteins.
Characteristics:	Mouse Monoclonal to SirT2.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	SIRT2
Alternative Name:	SirT2 (SIRT2 Products)
Molecular Weight:	43kDa
Gene ID:	22933
UniProt:	Q8IXJ6

Application Details

Application Notes:	WB 1:500-2000 ELISA 1:10000-20000
Comment:	Isoform 1 is expressed in heart, liver and skeletal muscle, weakly expressed in the cortex. Isoform 2 is strongly expressed in the cortex, weakly expressed in heart and liver. Weakly expressed in several malignancies including breast, liver, brain, kidney and prostate cancers compared to normal tissues. Weakly expressed in glioma cell lines compared to normal brain tissues (at protein level). Widely expressed. Highly expressed in heart, brain and skeletal muscle, while it is weakly expressed in placenta and lung. Down-regulated in many gliomas suggesting that it may act as a tumor suppressor gene in human gliomas possibly through the regulation of microtubule network.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.