

Datasheet for ABIN525155
anti-SIRT3 antibody (AA 297-399)



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3 Images

Overview

Quantity:	100 µg
Target:	SIRT3
Binding Specificity:	AA 297-399
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant SIRT3.
Immunogen:	SIRT3 (NP_036371.1, 297 a.a. ~ 399 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PLPQRFLLVH VDFPMADLLL ILGTSLEVEP FASLTEAVRS SVPRLLINRD LVGPLAWHPR SRDVAQLGDV VHGVESLVEL LGWTEEMRDL VQRETGKLDG PDK
Clone:	1A4
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	SIRT3
Alternative Name:	SIRT3 (SIRT3 Products)
Background:	Full Gene Name: sirtuin (silent mating type information regulation 2 homolog) 3 (<i>S. cerevisiae</i>) Synonyms: SIR2L3
Gene ID:	23410
NCBI Accession:	NM_012239

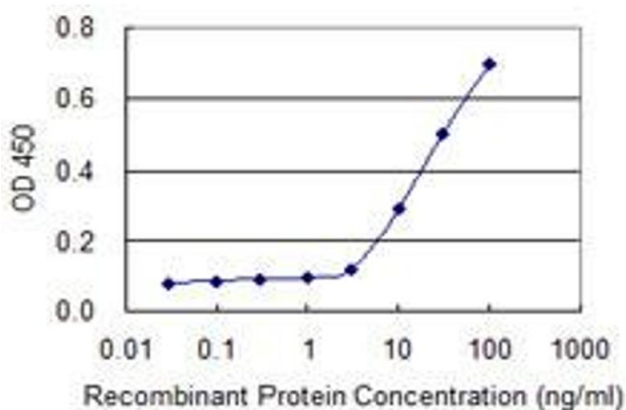
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

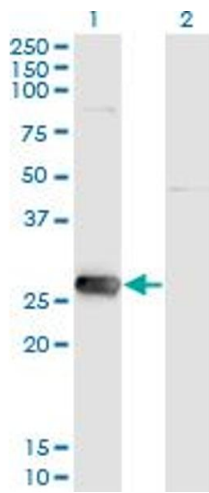
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged SIRT3 is 3 ng/ml as a capture antibody.

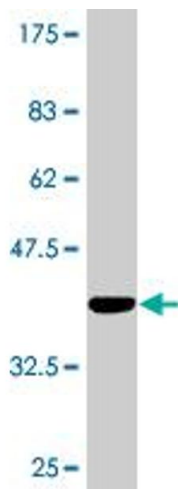


Western Blotting

Image 2. Western Blot analysis of SIRT3 expression in transfected 293T cell line by SIRT3 monoclonal antibody (M09), clone 1A4.

Lane 1: SIRT3 transfected lysate (Predicted MW: 28.6 kDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (37.07 kDa).