

Datasheet for ABIN5542444
anti-SIRT7 antibody (AA 1-105)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	SIRT7
Binding Specificity:	AA 1-105
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRT7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human SIRT7 (AA: 1-105) expressed in E. coli.
Clone:	1E2B2
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SIRT7
Alternative Name:	SIRT7 (SIRT7 Products)
Background:	Description: This gene encodes a member of the sirtuin family of proteins, homologs to the

Target Details

yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined, however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family.,
Aliases: SIR2L7

Molecular Weight:	44.9 kDa
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Gene ID:	51547
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HGNC:	51547
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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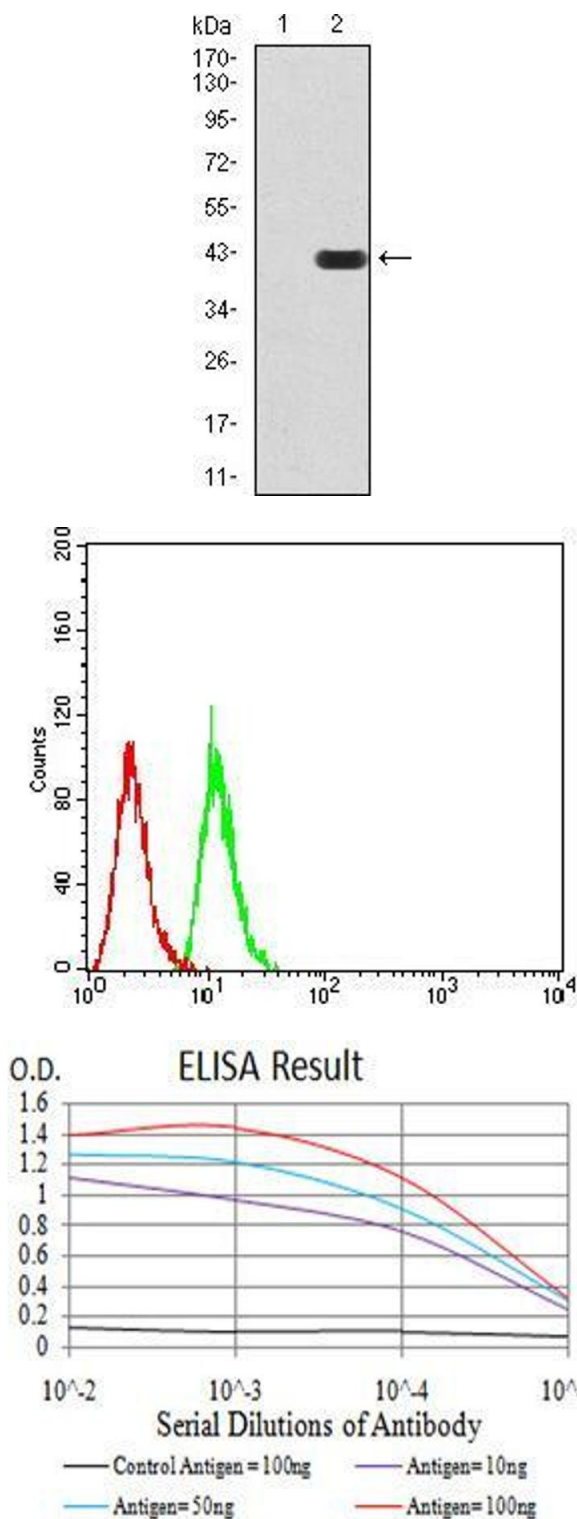
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Western Blotting

Image 1. Western blot analysis using SIRT7 mAb against HEK293 (1) and SIRT7 (AA: 1-105)-hlgGFc transfected HEK293 (2) cell lysate.

Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells using SIRT7 mouse mAb (green) and negative control (red).

ELISA

Image 3. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5542444.