

Datasheet for ABIN5542442
anti-SIRT6 antibody (AA 141-250)

5 Images



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Overview

Quantity:	0.1 mg
Target:	SIRT6
Binding Specificity:	AA 141-250
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SIRT6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human SIRT6 (AA: 141-250) expressed in E. coli.
Clone:	2G1H1
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SIRT6
Alternative Name:	SIRT6 (SIRT6 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. Alternative splicing results in multiple transcript variants.,

Aliases: SIR2L6

Molecular Weight: 39 kDa

Gene ID: 51548

HGNC: 51548

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400

Restrictions: For Research Use only

Handling

Format: Liquid

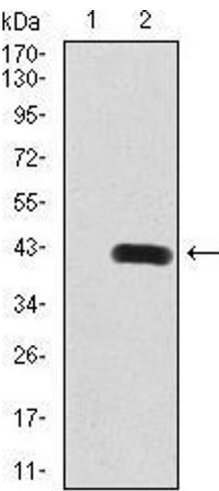
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

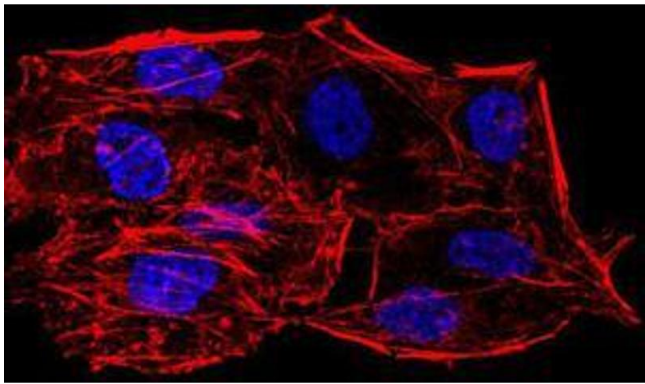
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



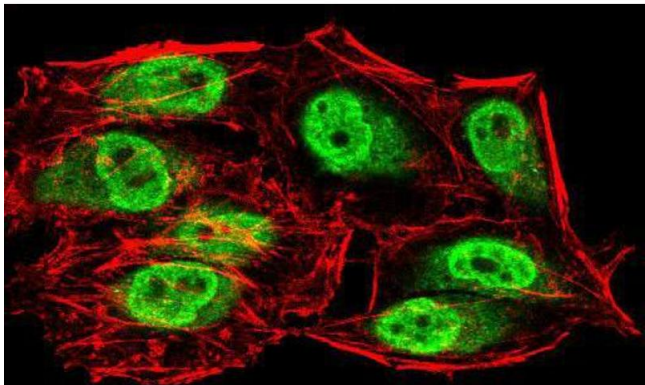
Western Blotting

Image 1. Western blot analysis using SIRT6 mAb against HEK293 (1) and SIRT6 (AA: 141-250)-hlgGFc transfected HEK293 (2) cell lysate.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using SIRT6 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using SIRT6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542442.