

Datasheet for ABIN5542439  
**anti-SIRT3 antibody (AA 155-290)**

## 5 Images

[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 0.1 mg   |
| Target:              | SIRT3  |
| Binding Specificity: | AA 155-290   |
| Reactivity:          | Human  |
| Host:                | Mouse  |
| Clonality:           | Monoclonal   |
| Conjugate:           | This SIRT3 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS) |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | Purified recombinant fragment of human SIRT3 (AA: 155-290) expressed in E. coli. |
| Clone:        | 6B2A1  |
| Isotype:      | IgG1   |
| Purification: | purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SIRT3  |
| Alternative Name: | SIRT3 ( <a href="#">SIRT3 Products</a> )   |
| 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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.,

Aliases: SIR2L3

|                   |          |
|-------------------|----------|
| Molecular Weight: | 43.6 kDa |
|-------------------|----------|

|          |       |
|----------|-------|
| Gene ID: | 23410 |
|----------|-------|

|       |       |
|-------|-------|
| HGNC: | 23410 |
|-------|-------|

## Application Details

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

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

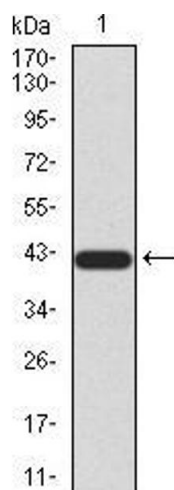
|         |   |
|---------|---|
| Buffer: | Purified antibody in PBS with 0.05 % sodium azide |
|---------|---|

|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

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

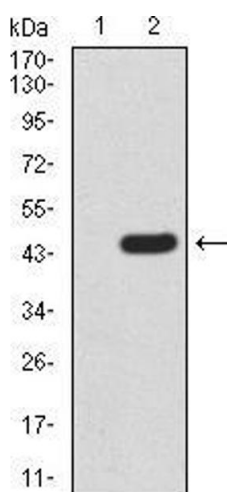
|          |             |
|----------|-------------|
| Storage: | 4 °C/-20 °C |
|----------|-------------|

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



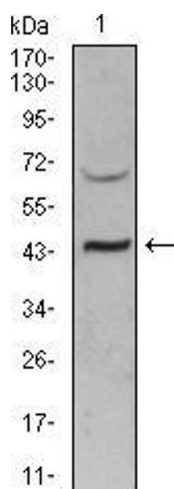
#### Western Blotting

**Image 1.** Western blot analysis using SIRT3 mAb against human SIRT3 (AA: 155-290) recombinant protein. (Expected MW is 41.3 kDa)



#### Western Blotting

**Image 2.** Western blot analysis using SIRT3 mAb against HEK293 (1) and SIRT3 (AA: 155-290)-hlgGfc transfected HEK293 (2) cell lysate.



#### Western Blotting

**Image 3.** Western blot analysis using SIRT3 mouse mAb against PANC-1 (1) cell lysate.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542439.