

Datasheet for ABIN6983611  
**anti-SAE1 antibody (AA 1-100) (Cy3)**



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## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | SAE1                                                                                                                           |
| Binding Specificity: | AA 1-100                                                                                                                       |
| Reactivity:          | Mouse                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This SAE1 antibody is conjugated to Cy3                                                                                        |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SAE1,Isoform 2 |
| Isotype:              | IgG                                                                |
| Cross-Reactivity:     | Mouse                                                              |
| Predicted Reactivity: | Human,Rat                                                          |
| Purification:         | Purified by Protein A.                                             |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | SAE1                                   |
| Alternative Name: | SAE1 ( <a href="#">SAE1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: SUMO-activating enzyme subunit 1, SAE1, Ubiquitin-like 1-activating enzyme E1A, SAE1, AOS1, SUA1, UBLE1A<br><br>Background: The heterodimer acts as an E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2. |
| Gene ID:    | 10055                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt:    | <a href="#">Q9UBE0</a>                                                                                                                                                                                                                                                                                                                                                                                    |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |