

Datasheet for ABIN533597  
**anti-SMC2 antibody (AA 523-768)**[Go to Product page](#)[1 Image](#)[1 Publication](#)

## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 100 µg                              |
| Target:              | SMC2                                |
| Binding Specificity: | AA 523-768                          |
| Reactivity:          | Human                               |
| Host:                | Mouse                               |
| Clonality:           | Monoclonal                          |
| Conjugate:           | This SMC2 antibody is un-conjugated |
| Application:         | Western Blotting (WB)               |

## Product Details

|                   |   |
|-------------------|---|
| Purpose:          | Mouse monoclonal antibody raised against partial recombinant SMC2.      |
| Immunogen:        | Recombinant protein corresponding to amino acids 523-768 of human SMC2. |
| Clone:            | E1M   |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Characteristics:  | Antibody Reactive Against Recombinant Protein.                          |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | SMC2  |
| Alternative Name: | SMC2 / CA ( <a href="#">SMC2 Products</a> ) |

## Target Details

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Gene ID: 10592

## Application Details

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Application Notes: Western Blot (1-5 µg/mL)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: In PBS (0.08 % 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.

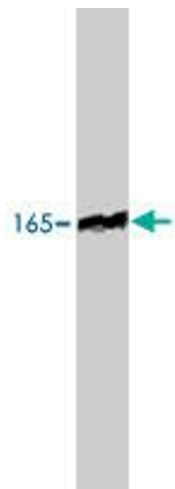
Storage: -20 °C

Storage Comment: Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in: Schmiesing, Gregson, Zhou, Yokomori: "A human condensin complex containing hCAP-C-hCAP-E and CNAP1, a homolog of Xenopus XCAP-D2, colocalizes with phosphorylated histone H3 during the early stage of mitotic chromosome condensation." in: **Molecular and cellular biology**, Vol. 20, Issue 18, pp. 6996-7006, (2000) ([PubMed](#)).



#### Western Blotting

**Image 1.** Western blot analysis using SMC2 monoclonal antibody, clone E1M on HeLa cell lysate.