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Datasheet for ABIN7465202  
**anti-SMC2 antibody**

### Overview

Quantity:	100 µL
Target:	SMC2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SMC2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SMC2. The exact sequence is proprietary.
Clone:	GT4312
Isotype:	IgG1
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.

### Target Details

Target:	SMC2
Alternative Name:	structural maintenance of chromosomes 2 ( <a href="#">SMC2 Products</a> )
Background:	Structural maintenance of chromosomes 2 , CAP-E , CAPE , SMC-2 , SMC2L1,Members of the

## Target Details

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structural maintenance of chromosomes, or SMC, family (e.g., SMC1A, MIM 300040) are critical for mitotic chromosome condensation in frogs and for DNA repair in mammals.[supplied by OMIM]

Molecular Weight: 136 kDa

Gene ID: 10592

UniProt: [O95347](#)

## Application Details

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Application Notes: WB: 1:1000-1:10000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS, No Preservative

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.