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Datasheet for ABIN7170863  
**anti-SMC2 antibody (AA 861-968) (Biotin)**

## Overview

Quantity:	100 µL
Target:	SMC2
Binding Specificity:	AA 861-968
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Structural maintenance of chromosomes protein 2 protein (861-968AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SMC2
Alternative Name:	SMC2 ( <a href="#">SMC2 Products</a> )
Background:	Background: Central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex

## Target Details

probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases.

Aliases: CAP E antibody, CAPE antibody, Chromosome associated protein E antibody, Chromosome-associated protein E antibody, FLJ10093 antibody, hCAP E antibody, hCAP-E antibody, hCAPE antibody, PRO0324 antibody, SMC 2 antibody, SMC protein 2 antibody, SMC-2 antibody, SMC2 antibody, SMC2 L1 antibody, SMC2\_HUMAN antibody, SMC2L1 antibody, Structural maintenance of chromosomes (SMC) family member chromosome associated protein E antibody, Structural maintenance of chromosomes 2 antibody, Structural maintenance of chromosomes 2 like 1 antibody, Structural maintenance of chromosomes 2 yeast like 1 antibody, Structural maintenance of chromosomes protein 2 antibody, XCAP E homolog antibody, XCAP-E homolog antibody, XCAPE homolog antibody

UniProt: [O95347](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.