



[Go to Product page](#)

Datasheet for ABIN915803

## anti-SMC3 antibody (AA 951-1050) (Alexa Fluor 488)

### Overview

Quantity:	100 µL
Target:	SMC3
Binding Specificity:	AA 951-1050
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMC3 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SMC3/CSPG6
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SMC3
Alternative Name:	SMC3 ( <a href="#">SMC3 Products</a> )
Background:	Synonyms: BAM, Bamacan, Basement membrane associated chondroitin proteoglycan,

## Target Details

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Basement membrane-associated chondroitin proteoglycan, BMH, CDLS3, chondroitin sulfate proteoglycan 6 bamacan, Chondroitin sulfate proteoglycan 6, Chromosome associated polypeptide, Chromosome-associated polypeptide, CSPG 6, CSPG6, hCAP, SMC 3, SMC protein 3, SMC-3, smc3, SMC3\_HUMAN, SMC3L1, Structural maintenance of chromosome 3, Structural maintenance of chromosomes 3, Structural maintenance of chromosomes protein 3.

Background: Central component of cohesin, a complex required for chromosome cohesion during the cell cycle. The cohesin complex may form a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. Cohesion is coupled to DNA replication and is involved in DNA repair. The cohesin complex plays also an important role in spindle pole assembly during mitosis and in chromosomes movement.

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Gene ID: 9126

Pathways: [Stem Cell Maintenance](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months