

## SMC1 recombinant antibody

SMC1 (Phospho-Ser957) Rabbit mAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA314865 | Rabbit | Human      | Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

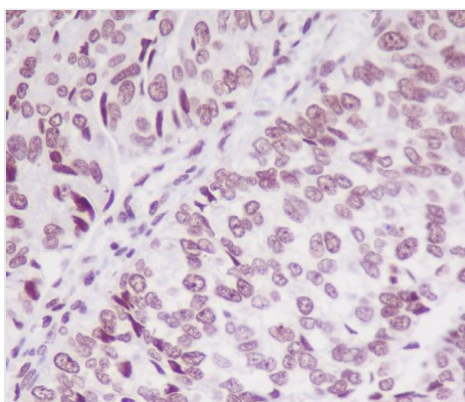
### PRODUCT SYNONYMS

SMC1; Monoclonal Recombinant Antibody; SMC1 (Phospho-Ser957) Rabbit mAb; SB1.8/DXS423E protein; SM1A; SMC1A; SMC1L1; SMC1alpha protein; Sb1.8; SMC1 recombinant antibody

### PRODUCT SPECIFICATIONS

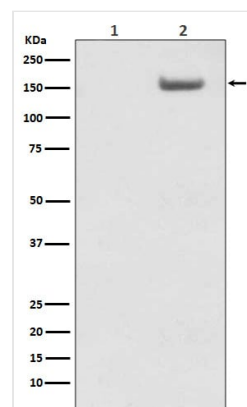
|                                                       |                                                                                                   |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                            |
| Reactivity                                            | Human                                                                                             |
| Clonality                                             | Monoclonal                                                                                        |
| Isotype                                               | Rabbit IgG                                                                                        |
| Specificity                                           | Phospho-SMC1 (S957) Antibody detects endogenous levels of Phospho-SMC1 (S957)                     |
| Purity/Purification                                   | Affinity-chromatography                                                                           |
| Form/Format                                           | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Applicable Applications for SMC1 recombinant antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                             | A synthesized peptide derived from human Phospho-SMC1 (S957)                                      |
| Preparation and Storage                               | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded human bladder cancer, using Phospho-SMC1 (S957) Antibody.



**WB (Western Blot)**

Western blot analysis of Phospho-SMC1 (S957) expression in (1) HeLa cell lysate; (2) HeLa cells lysate treated with AP.

### ADDITIONAL INFORMATION

**Product Categories/Family for SMC1 recombinant antibody**

Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 30581135                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 8243                                                                                                                                                                                                                                           |
| NCBI Accession #                 | NP_006297.2                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_006306.2                                                                                                                                                                                                                                    |
| UniProt Accession #              | Q14683; O14995; Q16351; Q2M228                                                                                                                                                                                                                 |
| Molecular Weight                 | 143,233 Da                                                                                                                                                                                                                                     |
| NCBI Official Full Name          | structural maintenance of chromosomes protein 1A                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | structural maintenance of chromosomes 1A                                                                                                                                                                                                       |
| NCBI Official Symbol             | SMC1A                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1alpha                                                                                                                                                                                           |
| NCBI Protein Information         | structural maintenance of chromosomes protein 1A; SMC-1A; SMC-1-alpha; SMC protein 1A; segregation of mitotic chromosomes 1; SMC1 structural maintenance of chromosomes 1-like 1; SMC1 (structural maintenance of chromosomes 1, yeast)-like 1 |
| UniProt Protein Name             | Structural maintenance of chromosomes protein 1A                                                                                                                                                                                               |
| UniProt Gene Name                | <b>SMC1A</b>                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | DXS423E; KIAA0178; SB1.8; SMC1; SMC1L1; SMC protein 1A; SMC-1-alpha; SMC-1A                                                                                                                                                                    |
| UniProt Entry Name               | SMC1A_HUMAN                                                                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/smc1-recombinant-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314865>