

Mouse SMC1A Monoclonal Antibody | anti-SMC1A antibody

SMC1A(N-term) Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300820	Mouse	Human, Porcine, Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

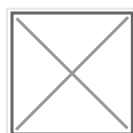
PRODUCT SYNONYMS

SMC1A; Monoclonal Antibody; SMC1A(N-term) Monoclonal Antibody; 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)-lik; anti-SMC1A antibody

PRODUCT SPECIFICATIONS

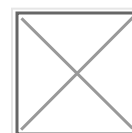
Host	Mouse
Reactivity	Human, Porcine, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	1233
Applicable Applications for anti-SMC1A antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant fragment, corresponding to amino acids 2aa-351aa of human SMC1A(N-terminus).
Target Name	SMC1A
Preparation and Storage	store at -20 degree C

IMAGES



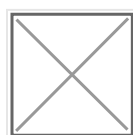
Application Data

Hela cells stained with SMC1A (red, 1:100 dilution), followed by FITC-conjugated goat anti-mouse IgG. Black line histogram represents the isotype control, normal mouse IgG



IHC (Immunohistochemistry)

IHC of paraffin-embedded human colon using anti-SMC1A (N-terminus) diluted 1:50-1:100



Application Data

1:1000 dilution of this antibody detected SMC1A on 40ug of cell lysates

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMC1A antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30581135
NCBI GeneID	8243
NCBI Accession #	NP_006297.2
NCBI GenBank Nucleotide #	NM_006306.3
UniProt Accession #	Q14683; O14995; Q16351; Q2M228
Molecular Weight	143,233 Da
NCBI Official Full Name	structural maintenance of chromosomes protein 1A isoform 1
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
UniProt Protein Name	Structural maintenance of chromosomes protein 1A
UniProt Gene Name	SMC1A
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://stage.aaabiotech.com/monoclonal/smc1a-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/300820>