

Product Datasheet

SMC1A(C-term) Mouse mAb

Catalog No: AB3129

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB, ICC/IF



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Information

UniProt ID: Q14683

All Names: Chromosome segregation protein SmcB; DXS423E; KIAA0178; SB1.8/DXS423E protein; SM1A; SMC1A; SMC1L1; SMC1alpha protein;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 143KDa

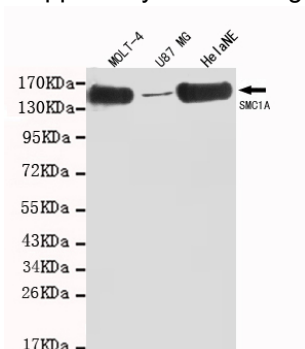
Application

WB 1:1000

ICC/IF 1:100

Background

Involved in chromosome cohesion during cell cycle and in DNA repair. Central component of cohesin complex. The cohesin complex is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped.



Western blot detection of SMC1A(C-term) in MOLT-4, U87 MG and HeLaNE cell lysates using SMC1A (N-terminus) mouse mAb (1:1000 diluted). Predicted band size: 143KDa. Observed band size: 143KDa.

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