### 全国订货电话 4008-723-722

# SMC1A(C-term)单克隆抗体

中文名称: 小鼠抗 SMC1A(C-term)单克隆抗体

英文名称: Anti-SMC1A(C-term) mouse monoclonal antibody

别 名: structural maintenance of chromosomes 1A; SMC1; SMCB; CDLS2; SB1.8; SMC1L1;

DXS423E; SMC1alpha

相关类别: 一抗

储 存: 冷冻(-20℃)

宿 主: Mouse

抗 原: SMC1A(C-term)

反应种属: Human

标 记 物: Unconjugate

克隆类型: Mouse Monoclonal

#### 技术规格

hesin multiprotein complex is required for sister chromatid cohesion. This complex is composed partly of two structural maint enance of chromosomes (SMC) proteins, SMC3 and either SMC 1B or the protein encoded by this gene. Most of the cohesin complexes dissociate from the chromosomes before mitosis, although those complexes at the kinetochore remain. Therefore, the encoded protein is thought to be an important part of functional kinetochores. In addition, this protein interacts with BRCA1 and is phosphorylated by ATM, indicating a potential role for the sine of two structural maintenance of two str

his protein in DNA repair. This gene, which belongs to the SM C gene family, is located in an area of the X-chromosome that

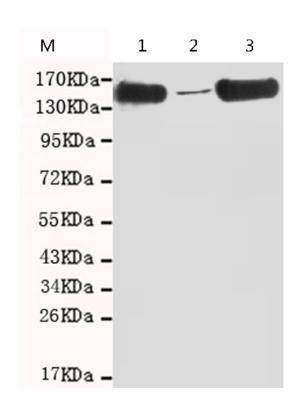
Proper cohesion of sister chromatids is a prerequisite for the correct segregation of chromosomes during cell division. The co

#### **Background:**



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	escapes X inactivation. Mutations in this gene result in Cornelia de Lange syndrome. Alternative splicing results in multiple trans cript variants encoding different isoforms.
Applications:	WB, IF
Name of antibody:	SMC1A(C-term)
Immunogen:	Fusion protein of human SMC1A
Full name:	structural maintenance of chromosomes 1A
Synonyms:	SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1alpha
SwissProt:	Q14683
WB Predicted band size:	143 kDa
WB Positive control:	MOLT-4, U87 MG and HelaNE cell lysates
WB Recommended diluti on:	1000-5000
IF positive control:	Hela cells
IF Recommend dilution:	50-100





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