

产品名称: CBX5 Mouse Monoclonal Antibody
产品货号: AMM81594



产品概述 (Summary)

产品名称 (Production Name)	CBX5 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CBX5
别名 (Alternative Names)	HP1; HP1A; HEL25
基因 ID (Gene ID)	23468.0
蛋白 ID (SwissProt ID)	P45973.Purified recombinant fragment of human CBX5 (AA: 1-191) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	22.2kDa

研究背景 (Background)

This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The

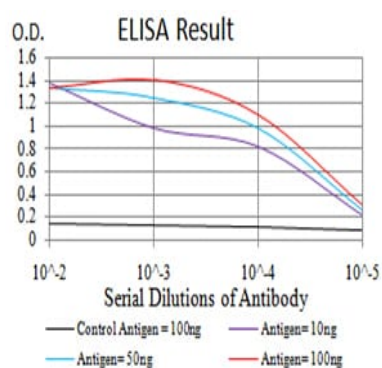
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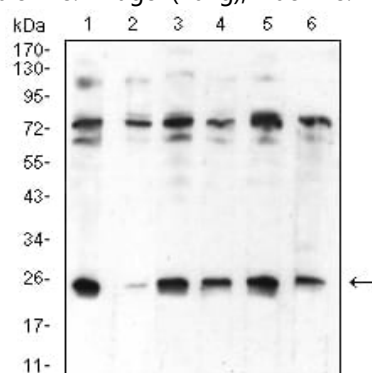
protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The encoded product is involved in the formation of functional kinetochore through interaction with essential kinetochore proteins. The gene has a pseudogene located on chromosome 3. Multiple alternatively spliced variants, encoding the same protein, have been identified.

研究领域 (Research Area)

图片 (Image Data)

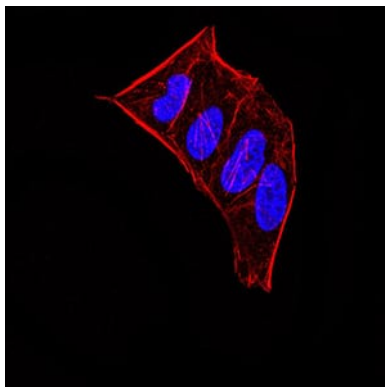


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using CBX5 mouse mAb against Hela (1), NIH/3T3 (2), K562 (3), MCF-7 (4), Jurkat (5), and A431 (6) cell lysate.

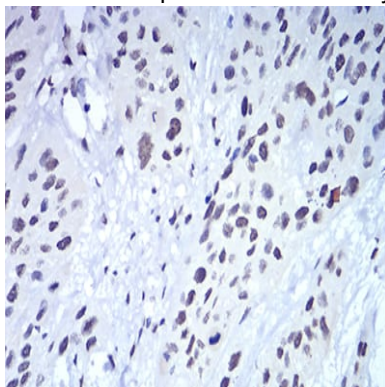
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Immunofluorescence analysis of Hela cells using CBX5 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

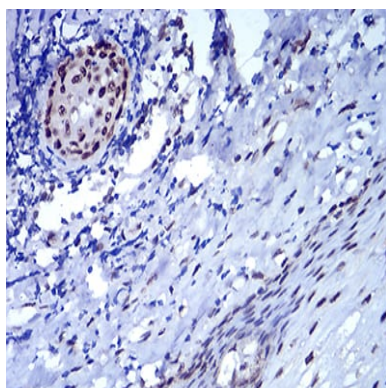


Immunofluorescence analysis of Hela cells using CBX5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using CBX5 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human esophagus tissues using CBX5 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .