

产品名称: CK5 Mouse Monoclonal Antibody
产品货号: AMM81116



产品概述 (Summary)

产品名称 (Production Name)	CK5 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,Monkey

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)	CK5
别名 (Alternative Names)	KRT5; K5; DDD; EBS2; KRT5A
基因 ID (Gene ID)	3852.0
蛋白 ID (SwissProt ID)	P13647.Purified recombinant fragment of human CK5 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ICC 1:50-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	62.3kDa

研究背景 (Background)

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or

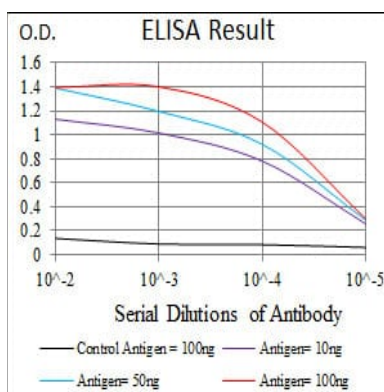
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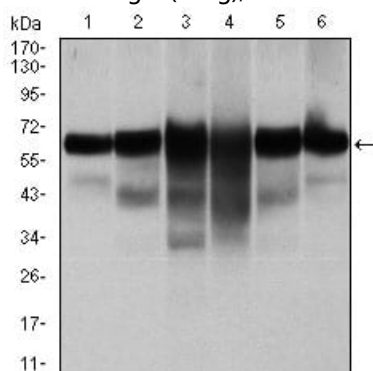
neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

研究领域 (Research Area)

图片 (Image Data)

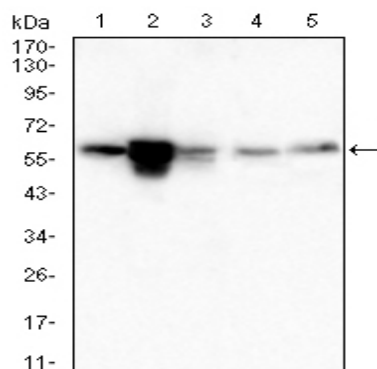


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

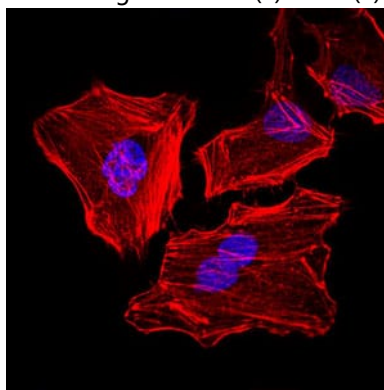


Western blot analysis using CK5 mouse mAb against A431 (1), MCF-7 (2), HeLa (3), HepG2 (4), 3T3-L1 (5), and COS-7 (6) cell lysate.

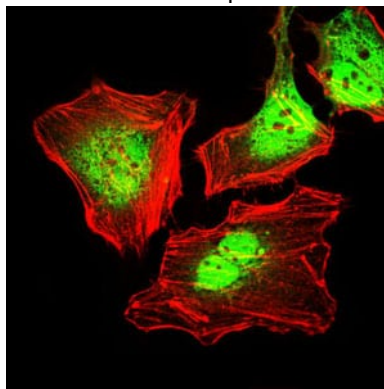
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Western blot analysis using CK5 mouse mAb against PC-12(1)C2C12(2)C6(3)L1210(4)CHO3D10(5)cell lysate.

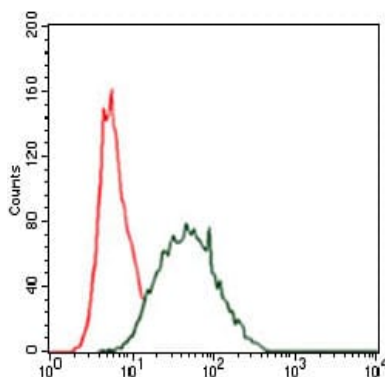


Immunofluorescence analysis of HeLa cells. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

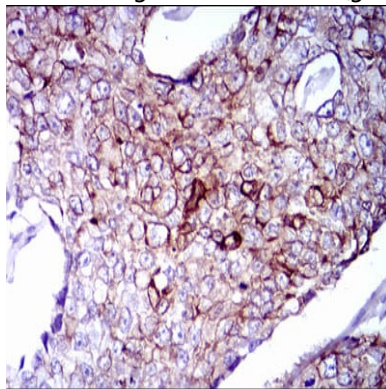


Immunofluorescence analysis of HeLa cells using CK5 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

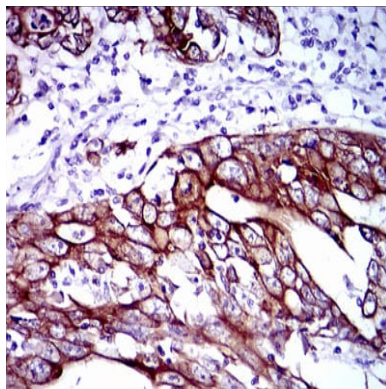
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Flow cytometric analysis of HeLa cells using CK5 mouse mAb (green) and negative control (red).

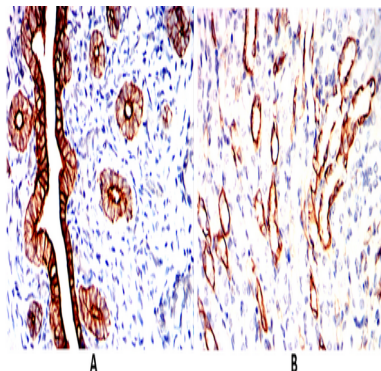


Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using CK5 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using CK5 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Mouse colon(A) Mouse kidney(B) using CK5 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .