

产品名称: KRT6A Mouse Monoclonal Antibody
产品货号: AMM82553



产品概述 (Summary)

产品名称 (Production Name)	KRT6A Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
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)	KRT6A
别名 (Alternative Names)	KRT6A; K6A; K6C; K6D; PC3; CK6C; CK6D; CK-6C; CK-6E; KRT6C; KRT6D
基因 ID (Gene ID)	3853.0
蛋白 ID (SwissProt ID)	P02538.Purified recombinant fragment of human KRT6A (AA: 253-352) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	60kDa

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

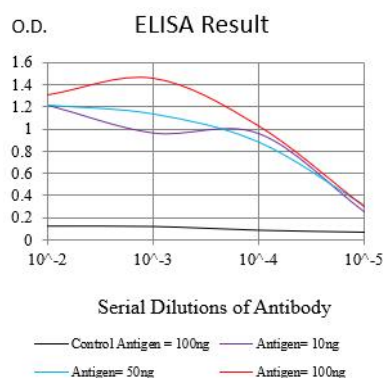
产品名称: KRT6A Mouse Monoclonal Antibody
产品货号: AMM82553



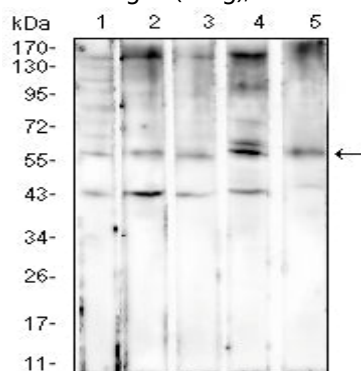
neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. In addition, peptides from the C-terminal region of the protein have antimicrobial activity against bacterial pathogens. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

研究领域 (Research Area)

图片 (Image Data)

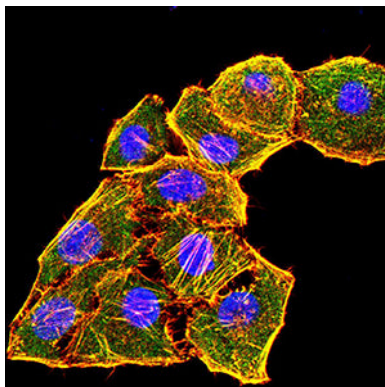


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

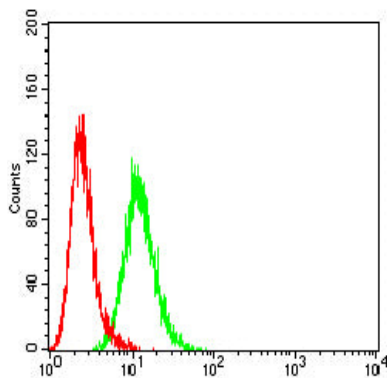


Western blot analysis using KRT6A mouse mAb against Hela (1), MCF-7 (2), SW480 (3), HepG2 (4), and T47D (5) cell lysate.

产品名称: KRT6A Mouse Monoclonal Antibody
产品货号: AMM82553



Immunofluorescence analysis of HeLa cells using KRT6A 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)



Flow cytometric analysis of HeLa cells using KRT6A mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .