

产品名称: KRT15 Mouse Monoclonal Antibody
产品货号: AMM80786



产品概述 (Summary)

产品名称 (Production Name)	KRT15 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, 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 IgG2a
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)	KRT15
别名 (Alternative Names)	K15; CK15; K1CO; KRT1
基因 ID (Gene ID)	3866.0
蛋白 ID (SwissProt ID)	P19012. Purified recombinant fragment of KRT15 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000, ICC 1:200-1:1000, ELISA 1:5000-1:20000, FC 1:200-1:400
蛋白分子量 (Molecular Weight)	49kDa

研究背景 (Background)

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 15 is

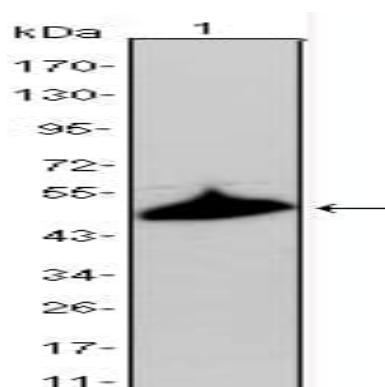
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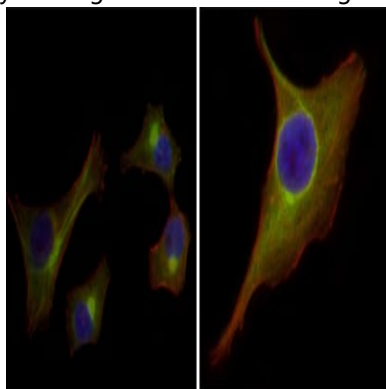
a type I keratin without a defined type II partner. Keratin 15 is expressed primarily in the basal keratinocytes of stratified tissues, including the fetal epidermis and fetal nail. Expression of keratin 15 is downregulated in some hyperproliferating situations, such as psoriasis and hypertrophic scars. Because keratinocytes in psoriasis and hypertrophic scars are activated, it is suggested that keratin 15 expression is not compatible with keratinocyte activation and the keratin 15 gene is downregulated to maintain the activated phenotype.

研究领域 (Research Area)

图片 (Image Data)

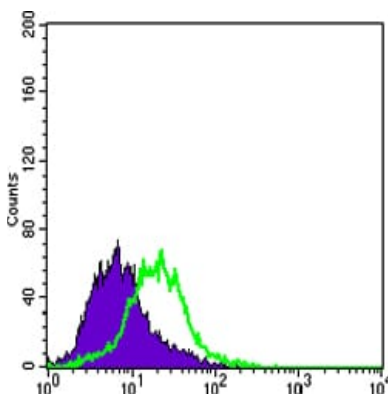


Western blot analysis using KRT15 mouse mAb against A431 cell lysate.

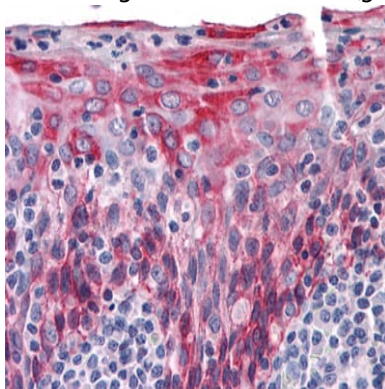


Immunofluorescence analysis of HepG2(left) and PACN-1 (right) cells using KRT15 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

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Flow cytometric analysis of PACN-1 cells using KRT15 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human Tonsil tissues using KRT15 mouse mAb

注意事项 (Note)

For research use only .