

产品名称: Cytokeratin 5 Mouse Monoclonal Antibody
产品货号: AMM80599



产品概述 (Summary)

产品名称 (Production Name)	Cytokeratin 5 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
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 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)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Cytokeratin 5
别名 (Alternative Names)	K5; DDD; EBS2; KRT5A; KRT5
基因 ID (Gene ID)	3852.0
蛋白 ID (SwissProt ID)	P13647.Purified recombinant fragment of CK5 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	/

研究背景 (Background)

CK5 (keratin 5) is a member of the keratin gene family. Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). The type II cytokeratins consist of basic or neutral

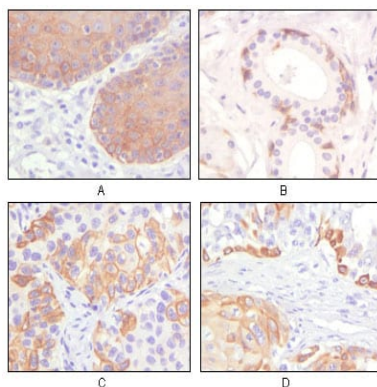
产品名称: Cytokeratin 5 Mouse Monoclonal Antibody
产品货号: AMM80599



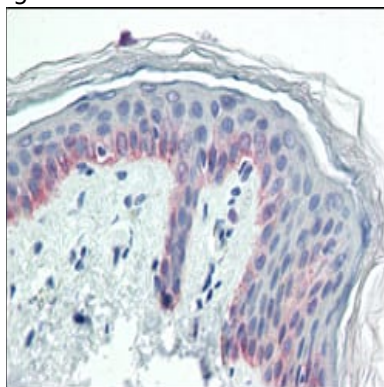
proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. At least one member of the acidic family and one member of the basic family is expressed in all epithelial cells. Cytokeratin 5 is expressed in normal basal cells. Mutations of the Cytokeratin5 gene (KRT5) have been shown to result in the autosomal dominant disorder epidermolysis bullosa (EB). Defects in KRT5 are a cause of epidermolysis bullosa simplex.

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human esophagus epithelium (A), salivary gland basal cell (B), lung squamous cell carcinoma (C), endometrium adenosquamous carcinoma (D), showing cytoplasmic and membrane localization using CK5 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human skin tissues using CK5 mouse mAb.

注意事项 (Note)

For research use only .