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Product datasheet

Anti-Cytokeratin antibody [CK 210 and CK 211 (AE1+AE3] ab115963

1 References

概述

产品名称	Anti-Cytokeratin**抗体**[CK 210 and CK 211 (AE1+AE3]
描述	**小鼠单克隆抗体**[CK 210 and CK 211 (AE1+AE3] to Cytokeratin
宿主	Mouse
经测试应用	**适用于:** IHC-P, IHC-Fr, ICC
种属反应性	**与反应:** Mouse, Rat, Rabbit, Chicken, Cow, Human, Pig, Monkey
免疫原	Full length native protein (purified) corresponding to Human Cytokeratin.
阳性对照	Human skin, lung carcinoma tissues.
常规说明	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 98% PBS, 1% BSA
纯度	Ascites
克隆	单克隆
克隆编号	CK 210 and CK 211 (AE1+AE3
同种型	IgG1
轻链类型	kappa

应用

Our Abpromise guarantee covers the use of **ab115963** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		1/50 - 1/100. An antigen retriever like trypsin is required.
IHC-Fr		1/50 - 1/100.
ICC		Use at an assay dependent concentration.

靶标

功能

May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein kinase C (RACK1/GNB2L1).

组织特异性

The source of this protein is neonatal foreskin. The 67-kDa type II keratins are expressed in terminally differentiating epidermis.

疾病相关

Defects in KRT1 are a cause of bullous congenital ichthyosiform erythroderma (BCIE) [MIM:113800]; also known as epidermolytic hyperkeratosis (EHK) or bullous erythroderma ichthyosiformis congenita of Brocq. BCIE is an autosomal dominant skin disorder characterized by widespread blistering and an ichthyotic erythroderma at birth that persist into adulthood. Histologically there is a diffuse epidermolytic degeneration in the lower spinous layer of the epidermis. Within a few weeks from birth, erythroderma and blister formation diminish and hyperkeratoses develop.
Defects in KRT1 are the cause of ichthyosis hystrix Curth-Macklin type (IHCM) [MIM:146590]. IHCM is a genodermatosis with severe verrucous hyperkeratosis. Affected individuals manifest congenital verrucous black scale on the scalp, neck, and limbs with truncal erythema, palmoplantar keratoderma and keratoses on the lips, ears, nipples and buttocks.
Defects in KRT1 are a cause of palmoplantar keratoderma non-epidermolytic (NEPPK) [MIM:600962]. NEPKK is a dermatological disorder characterized by focal palmoplantar keratoderma with oral, genital, and follicular lesions.
Defects in KRT1 are a cause of ichthyosis annular epidermolytic (AEI) [MIM:607602]; also known as cyclic ichthyosis with epidermolytic hyperkeratosis. AEI is a skin disorder resembling bullous congenital ichthyosiform erythroderma. Affected individuals present with bullous ichthyosis in early childhood and hyperkeratotic lichenified plaques in the flexural areas and extensor surfaces at later ages. The feature that distinguishes AEI from BCIE is dramatic episodes of flares of annular polycyclic plaques with scale, which coalesce to involve most of the body surface and can persist for several weeks or even months.
Defects in KRT1 are the cause of palmoplantar keratoderma striate type 3 (SPPK3) [MIM:607654]; also known as keratosis palmoplantaris striata III. SPPK3 is a dermatological disorder affecting palm and sole skin where stratum corneum and epidermal layers are thickened. There is no involvement of non-palmoplantar skin, and both hair and nails are normal.

序列相似性

Belongs to the intermediate filament family.

翻译后修饰

Undergoes deimination of some arginine residues (citrullination).

细胞定位

Cell membrane. Located on plasma membrane of neuroblastoma NMB7 cells.

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