abcam

Product datasheet

Anti-Cytokeratin 16 antibody [SPM264] ab25774

画像数 1

製品の概要

製品名	Anti-Cytokeratin 16 antibody [SPM264]
製品の詳細	Mouse monoclonal [SPM264] to Cytokeratin 16
由来種	Mouse
特異性	We have data to indicate that this antibody may not cross react with Rat. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
アプリケーション	**適用あり:** ICC/IF, IHC-P
種交差性	**交差種:** Human
免疫原	Synthetic peptide from the C terminus of Cytokeratin 16 (Human)
ポジティブ・コントロール	Squamous cell carcinoma

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.09% Sodium Azide Constituents: BSA, 10mM PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	SPM264
アイソタイプ	IgG1

アプリケーション

Our Abpromise guarantee covers the use of **ab25774** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
ICC/IF		

アプリケーション	Abreviews	特記事項
IHC-P		

追加情報

IF: Use at an assay dependent dilution.
IHC-P: 1/50 for 30 mins at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

組織特異性

Expressed in the hair follicle, nail bed and in mucosal stratified squamous epithelia and, suprabasally, in oral epithelium and palmoplantar epidermis. Also found in luminal cells of sweat and mammary gland ducts.

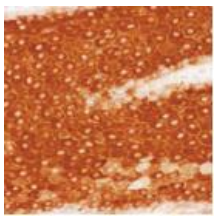
関連疾患

Defects in KRT16 are a cause of pachyonychia congenita type 1 (PC1) [MIM:167200]; also known as Jadassohn-Lewandowsky syndrome. PC1 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onchyogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma, follicular hyperkeratosis, and oral leukokeratosis. Hyperhidrosis of the hands and feet is usually present.
Defects in KRT16 are the cause of palmoplantar keratoderma non-epidermolytic focal (FNEPPK) [MIM:613000]. A dermatological disorder characterized by non-epidermolytic palmoplantar keratoderma limited to the pressure points on the balls of the feet, with later mild involvement on the palms. Oral, genital and follicular keratotic lesions are often present.
Defects in KRT16 are a cause of unilateral palmoplantar verrucous nevus (UPVN) [MIM:144200]. UPVN is characterized by a localized thickening of the skin in parts of the right palm and the right sole.
Note=KRT16 and KRT17 are coexpressed only in pathological situations such as metaplasias and carcinomas of the uterine cervix and in psoriasis vulgaris.

配列類似性

Belongs to the intermediate filament family.

画像



Immunohistochemistry (Formalin-fixed paraffin-embedded sections) - Cytokeratin 16 antibody [SPM264] (ab25774)

ab25774, at a 1/50 dilution, staining human keratin 16 in human squamous cell carcinoma by Immunohistochemistry, Formalin fixed Paraffin embedded tissue.

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