

Rabbit Anti-Cytokeratin 10 [MD135R]: RM0073, RM0073RTU7

Intended Use: For Research Use Only

Description: Cytokeratin 10 (CK10) is an intermediate filament protein and typically associated with cytokeratin 1 (CK1). CK 10 is expressed in the suprabasal cell layers of certain stratified epithelia, notably epidermis. CK10 has been used as a marker of epidermal differentiation. Antibody against CK10 is helpful in the identification of more differentiated squamous cell carcinomas.

Specifications:

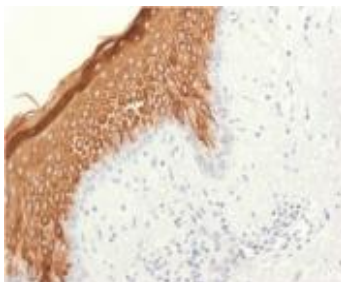
Clone: MD135R
Source: Rabbit
Isotype: IgG
Reactivity: Human, dog, cat
Immunogen: Recombinant human full-length KRT10 protein
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA, and $\leq 0.09\%$ sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC
Package:

Description	Catalog No.	Size
Cytokeratin 10 Concentrated	RM0073	1 ml
Cytokeratin 10 Prediluted	RM0073RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Skin, SqCC
Concentrated Dilution: 50-200
Pretreatment: Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human skin stained with anti-CK10 using DAB

References:

1. Hyaluronan-phosphatidylethanolamine polymers form pericellular coats on keratinocytes and promote basal keratinocyte proliferation. Symonette CJ, et al. Hyaluronan Biomed Res Int 2014:727459, 2014.
2. An organotypic coculture model supporting proliferation and differentiation of medullary thymic epithelial cells and promiscuous gene expression. Pinto S, et al. J Immunol 190:1085-93, 2013.
3. JNK regulates compliance-induced adherens junctions formation in epithelial cells and tissues. You H, et al. J Cell Sci 126:2718-29, 2013.
4. Characterization of hair follicle development in engineered skin substitutes. Sriwiriyanont P, et al. PLoS One 8:e65664, 2013.
5. Transcriptional profiling of epidermal barrier formation in vitro. Bachelor M, et al. J Dermatol Sci N/A:N/A, 2013.

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Rev. B