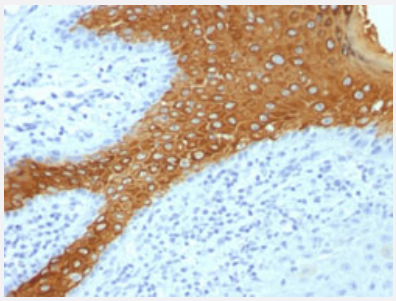
KRT10 monoclonal antibody, clone KRT10/844 + KRT10/1275

Catalog # MAB14577 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with KRT10 monoclonal antibody, clone KRT10/844 + KRT10/1275 (Cat # MAB14577).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human KRT10.
Immunogen	Recombinant protein corresponding to full length human KRT10.
Host	Mouse
Theoretical MW (kDa)	56.5
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1 s, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-0.2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).

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Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with KRT10 monoclonal antibody, clone KRT10/844 + KRT10/1275 (Cat # MAB14577).

- Immunofluorescence

- Flow Cytometry

Gene Info — KRT10

Entrez GeneID	3858
Protein Accession#	P13645
Gene Name	KRT10
Gene Alias	CK10, K10, KPP
Gene Description	keratin 10
Omim ID	113800 148080 600648 607602
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the type I (acidic) cytokeratin family, which belongs to the superf amily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. Mutations in this gene are associated with epidermol ytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosom e 17q21. [provided by RefSeq
Other Designations	cytokeratin 10

Publication Reference

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- Absence of differentiation-related expression of keratin 10 in early stages of vulvar squamous carcinoma.

  Ivanyi D, Ansink A, Mooi WJ, de Kraker NW, Heintz AP.

  Differentiation 1989 Dec; 42(2):124.

- New monoclonal antibodies recognizing epidermal differentiation-associated keratins in formalin-fixed, paraffin-embedded tissue. Keratin 10 expression in carcinoma of the vulva.

  Ivanyi D, Ansink A, Groeneveld E, Hageman PC, Mooi WJ, Heintz AP.

  The Journal of Pathology 1989 Sep; 159(1):7.

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