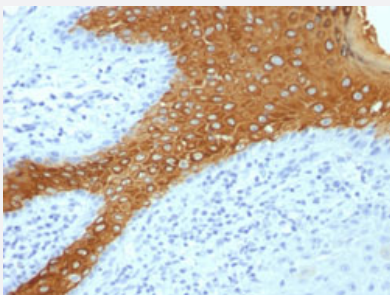


KRT10 monoclonal antibody, clone KRT10/844 + KRT10/1275

Catalog # MAB14833 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 # MAB14833).

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.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

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 # MAB14833).

- 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 superfamily 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 epidermolytic hyperkeratosis. This gene is located within a cluster of keratin family members on chromosome 17q21. [provided by RefSeq]

Other Designations cytokeratin 10

Publication Reference

- [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.