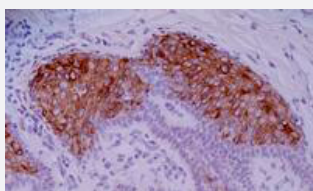


# KRT10 monoclonal antibody, clone VIK-10

Catalog # MAB3663      Size 100 ug

## Applications



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

Immunohistochemistry staining of human skin basaliom (paraffin-embedded sections) with KRT10 monoclonal antibody, clone VIK-10 (Cat # MAB3663).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native KRT10.
<b>Immunogen</b>	Native purified human KRT10.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	56.5
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody reacts with KRT10 (Cytokeratin 10; 56.5 KDa). Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (0.09% sodium azide)

**Storage Instruction**

Store at 4°C. Do not freeze.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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

Immunohistochemistry staining of human skin basaliom (paraffin-embedded sections) with KRT10 monoclonal antibody, clone VIK-10 (Cat # MAB3663).

- Immunocytochemistry
- Immunoprecipitation

## Gene Info — KRT10

**Entrez GeneID**[3858](#)**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

- [Patterns of expression of feline cytokeratins in healthy epithelia and mammary carcinoma cells.](#)

Ivanyi D, Minke JM, Hageman C, Groeneveld E, van Doornewaard G.

Am J Vet Res 1992 Mar; 53(3):304.