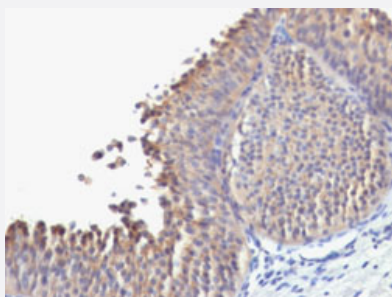


# KRT10 monoclonal antibody, clone SPM623

Catalog # MAB14576      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bladder carcinoma with KRT10 monoclonal antibody, clone SPM623 (Cat # MAB14576).

## Specification

Product Description	Mouse monoclonal antibody raised against native human KRT10.
Immunogen	Cytoskeletal preparation extracted from human ectocervical epithelium.
Host	Mouse
Theoretical MW (kDa)	56.5
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> 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).

## Storage Instruction

Store at 4°C.

## 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)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human bladder carcinoma with KRT10 monoclonal antibody, clone SPM623 (Cat # MAB14576).

- 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.