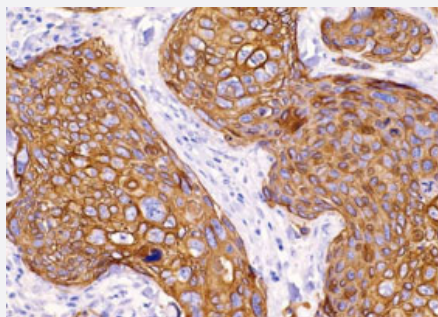


# KRT16 monoclonal antibody, clone R20-S

Catalog # MAB9767

Size 100 uL

## Applications



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

Formalin-fixed and paraffin-embedded human squamous cell skin carcinoma tissue (4 µm) stained with KRT16 monoclonal antibody, clone R20-S (Cat # MAB9767) shows strong positive cytoplasmic immunostaining of neoplastic cells.

Kindly performed and provided by Katarina Poliakova, MD and L'ubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovak republic.

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic peptide of KRT16.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of human KRT16.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	Antibody recognizes the epitope between Gln454 - Gln471.
<b>Form</b>	Liquid
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL BSA, 0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.
<b>Note</b>	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)

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- Immunohistochemistry (Frozen sections)

## Gene Info — KRT16

**Entrez GeneID** [3868](#)

**Protein Accession#** [P08779](#)

**Gene Name** KRT16

**Gene Alias** CK16, K16, K1CP, KRT16A, NEPPK

**Gene Description** keratin 16

**Omim ID** [144200](#) [148067](#) [167200](#) [600962](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus. [provided by RefSeq]

**Other Designations** cytokeratin 16|focal non-epidermolytic palmoplantar keratoderma|keratin, type I cytoskeletal 16

## Publication Reference

- [Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells.](#)

Costa S, Marini O, Bevilacqua D, DeFranco AL, Hou B, Lonardi S, Vermi W, Rodegher P, Panato A, Tagliaro F, Lowell CA, Cassatella MA, Girolomoni G, Scapini P.

Journal of Leukocyte Biology 2017 Jun; 102(3):791.

Application: IHC-P, Mouse, Mouse dorsal skin samples