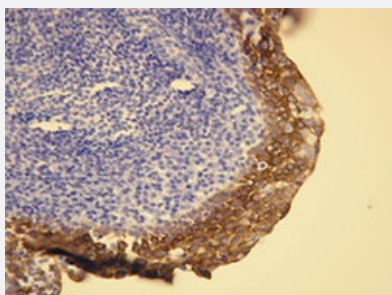


KRT5/KRT6A monoclonal antibody, clone T16-K

Catalog # MAB23281

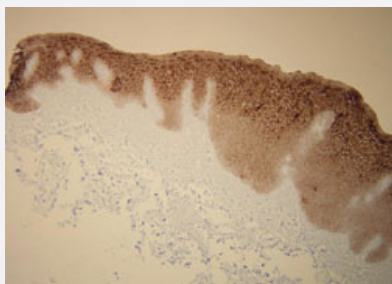
Size 7 mL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil epithelium with KRT5/KRT6A monoclonal antibody, clone T16-K (Cat # MAB23281).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human epidermis with KRT5/KRT6A monoclonal antibody, clone T16-K (Cat # MAB23281).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human KRT5/KRT6A.
Immunogen	A synthetic peptide corresponding to amino acids 548-564 at C-terminus of human cytokeratin 6.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	immunoaffinity purification

Recommend Usage	Immunohistochemistry (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	Store at 4°C. Do not freeze.
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 tonsil epithelium with KRT5/KRT6A monoclonal antibody, clone T16-K (Cat # MAB23281).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human epidermis with KRT5/KRT6A monoclonal antibody, clone T16-K (Cat # MAB23281).

Gene Info — KRT5

Entrez GeneID	3852
Protein Accession#	P13647 , P02538
Gene Name	KRT5
Gene Alias	CK5, DDD, EBS2, K5, KRT5A
Gene Description	keratin 5
Omim ID	131800 131960 148040 179850
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq]
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Other Designations

58 kda cytokerin|epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types|keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)|keratin, type II cytoskeletal 5

Gene Info — KRT6A

Entrez GeneID

[3853](#)

Protein Accession#

[P13647, P02538](#)

Gene Name

KRT6A

Gene Alias

CK6A, CK6C, CK6D, K6A, K6C, K6D, KRT6C, KRT6D

Gene Description

keratin 6A

Omim ID

[148041](#) [167200](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq]

Other Designations

56 cytoskeletal type II keratin|K6D keratin|cytokeratin 6A|cytokeratin 6C|cytokeratin 6D|keratin 6C|keratin, epidermal type II, K6A|keratin, epidermal type II, K6C|keratin, type II cytoskeletal 6D|type II keratin isoform K6c

Disease

- [Brain Ischemia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Genetic Predisposition to Disease](#)
- [Melanoma](#)
- [Myocardial Infarction](#)
- [Skin Neoplasms](#)
- [Stroke](#)