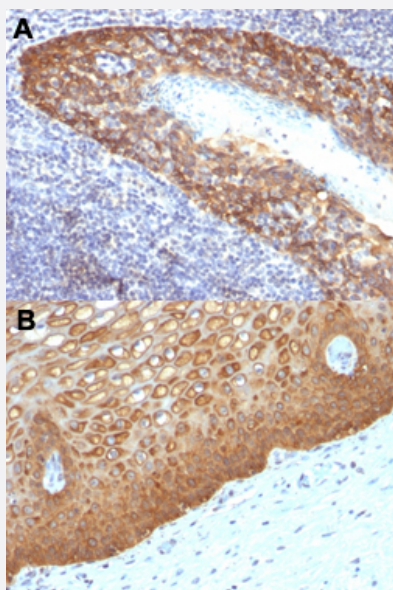


KRT14 monoclonal antibody, clone KRT14/532

Catalog # MAB14328 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil (A) and human cervix (B) with KRT14 monoclonal antibody, clone KRT14/532 (Cat # MAB14328).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human KRT14.
Immunogen	Recombinant protein corresponding to full length human KRT14.
Host	Mouse
Theoretical MW (kDa)	50
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG3

Recommend Usage

Flow Cytometry (0.5-1 ug/10⁶ cells in 0.1 mL)
Immunofluorescence (0.5-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 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 tonsil (A) and human cervix (B) with KRT14 monoclonal antibody, clone KRT14/532 (Cat # MAB14328).

- Immunofluorescence

- Flow Cytometry

Gene Info — KRT14

Entrez GeneID

[3861](#)

Protein Accession#

[P02533](#)

Gene Name

KRT14

Gene Alias

CK14, EBS3, EBS4, K14, NFJ

Gene Description

keratin 14

Omim ID

[125595](#) [131800](#) [148066](#) [161000](#) [601001](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11. [provided by RefSeq]

Other Designations

cytokeratin 14|keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)