

KRT14 / CK14 / Cytokeratin 14 Antibody (C-Terminus, clone D19-N)
Rabbit Polyclonal Antibody
Catalog # ALS13061

Specification

**KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) - Product Information**

Application	IHC
Primary Accession	P02533
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52kDa KDa

**KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) - Additional
Information**

Gene ID 3861

Other Names

Keratin, type I cytoskeletal 14,
Cytokeratin-14, CK-14, Keratin-14, K14,
KRT14

Target/Specificity

Human Cytokeratin 14

Reconstitution & Storage

Store at +4°C

Precautions

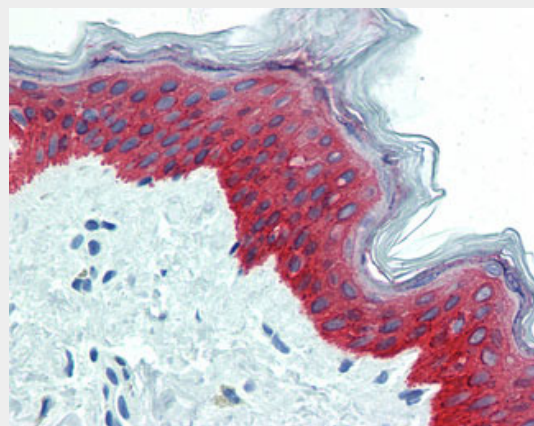
KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) is for research
use only and not for use in diagnostic or
therapeutic procedures.

**KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) - Protein Information**

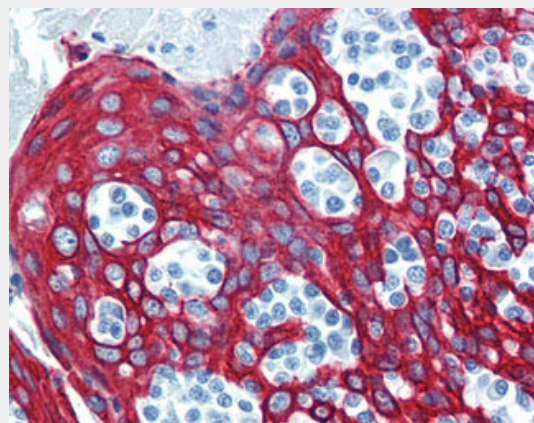
Name KRT14

Function

The nonhelical tail domain is involved in
promoting KRT5- KRT14 filaments to
self-organize into large bundles and
enhances the mechanical properties
involved in resilience of keratin
intermediate filaments in vitro.



Anti-KRT14 / Cytokeratin 14 antibody IHC of
human skin.



Anti-KRT14 / Cytokeratin 14 antibody IHC of
human tonsil.

**KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) - Background**

The nonhelical tail domain is involved in
promoting KRT5-KRT14 filaments to
self-organize into large bundles and enhances
the mechanical properties involved in
resilience of keratin intermediate filaments in
vitro.

**KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) - References**

Cellular Location

Cytoplasm. Nucleus. Note=Expressed in both as a filamentous pattern

Tissue Location

Expressed in the corneal epithelium (at protein level) (PubMed:26758872). Detected in the basal layer, lowered within the more apically located layers specifically in the stratum spinosum, stratum granulosum but is not detected in stratum corneum. Strongly expressed in the outer root sheath of anagen follicles but not in the germinative matrix, inner root sheath or hair (PubMed:9457912). Found in keratinocytes surrounding the club hair during telogen (PubMed:9457912).

Volume

125 µl

Marchuk D.,et al.Cell 39:491-498(1984).

Marchuk D.,et al.Proc. Natl. Acad. Sci. U.S.A. 82:1609-1613(1985).

Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Zody M.C.,et al.Nature 440:1045-1049(2006).

Hanukoglu I.,et al.Cell 31:243-252(1982).

**KRT14 / CK14 / Cytokeratin 14 Antibody
(C-Terminus, clone D19-N) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)