

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

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

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P02533</a> |
| 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.

**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).

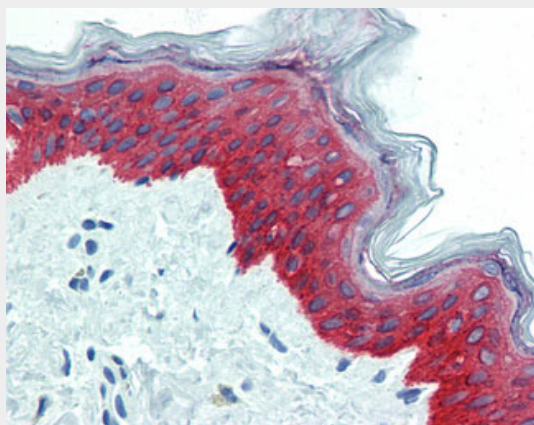
**Volume**  
125 µl

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

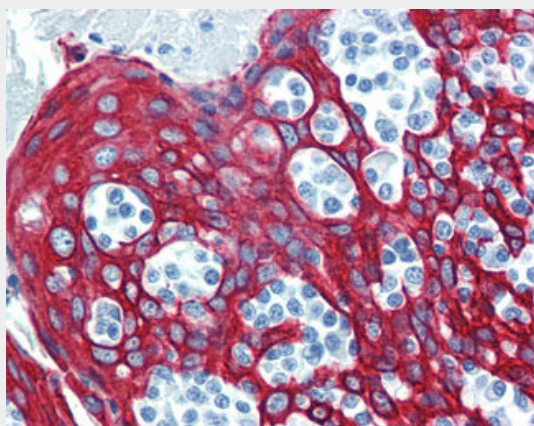
Provided below are standard protocols that you may find useful for product applications.

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

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



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**

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).