

**Cytokeratin 10/13 Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone DE-K13 ]**  
**Catalog # AH12907**

**Specification**

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**Cytokeratin 10/13 Antibody - With BSA and Azide - Product Information**

Application	WB, IHC-P, IF, FC
Primary Accession	<a href="#">P13645</a>
Other Accession	<a href="#">3858</a> , <a href="#">99936</a>
Reactivity	Human, Cat
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG2a, kappa
Calculated MW	56.5kDa (CK10) & 53kDa (CK13) KDa

**Cytokeratin 10/13 Antibody - With BSA and Azide - Additional Information**

**Gene ID** 3858

**Other Names**

Keratin, type I cytoskeletal 10, Cytokeratin-10, CK-10, Keratin-10, K10, KRT10, KPP

**Application Note**

WB~~1:1000  
IHC-P~~N/A  
IF~~1:50~200  
FC~~1:10~50

**Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

**Precautions**

Cytokeratin 10/13 Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**Cytokeratin 10/13 Antibody - With BSA and Azide - Protein Information**

**Name** KRT10

**Synonyms** KPP

**Function**

Plays a role in the establishment of the epidermal barrier on plantar skin (By similarity). Involved in the maintenance of cell layer development and keratin filament bundles in suprabasal cells of the epithelium (By similarity).

**Cellular Location**

Secreted, extracellular space. Cell surface. Cytoplasm

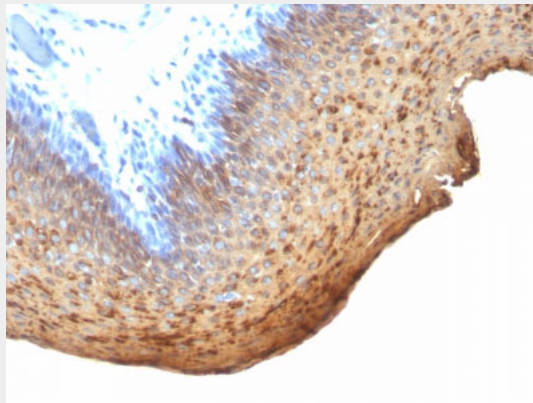
**Tissue Location**

Seen in all suprabasal cell layers including stratum corneum. Expressed on the surface of lung cell lines (PubMed:19627498). Localized on the surface of desquamated nasal epithelial cells (at protein level) (PubMed:12427098)

**Cytokeratin 10/13 Antibody - With BSA and Azide - 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](#)

**Cytokeratin 10/13 Antibody - With BSA and Azide - Images**

Formalin-fixed, paraffin-embedded human Tonsil stained with Cytokeratin 10/13 Monoclonal Antibody (DE-K13)

**Cytokeratin 10/13 Antibody - With BSA and Azide - Background**

This antibody recognizes cytokeratin 10 (56.5kDa) and cytokeratin 13 (53kDa) in Western blotting. It recognizes only cytokeratin 13 in formalin-fixed, paraffin-embedded tissue sections. It does not react with cytokeratin 10 positive, cytokeratin 13 negative epithelia such as epidermis. However, on frozen sections this MAb serves as differentiation-related marker of all stratified epithelia; it stains all suprabasal cells in both cornifying and non-cornifying stratified epithelia and more differentiated cells of squamous carcinomas.

**Cytokeratin 10/13 Antibody - With BSA and Azide - References**

Ivanyi D et. al. Journal of Pathology, 1989, 159:7-12., Ivanyi, D., Minke, J. M., Hageman, C., Groeneveld, E., and van Doornewaard, G. (1992). Patterns of expression of feline cytokeratins in healthy epithelia and mammary carcinoma cells, Am J Vet Res 53, 304-14. , Ivanyi, D., Minke, J. M., Hageman, C., Groeneveld, E., van Doornewaard, G., and Misdorp, W. (1993). Cytokeratins as markers of initial stages of squamous metaplasia in feline mammary carcinomas, Am J Vet Res 54, 1095