

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10)
Mouse Monoclonal Antibody
Catalog # ALS14869**Specification**

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) - Product Information

Application	IHC
Primary Accession	P13645
Reactivity	Human, Dog, Cat
Host	Mouse
Clonality	Monoclonal
Calculated MW	59kDa KDa

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) - Additional Information**Gene ID** 3858**Other Names**

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

Target/Specificity

Reacts exclusively with cytokeratin 10 which is present in keratinizing stratified epithelia and in differentiated areas of highly differentiated squamous cell carcinomas.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) - 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

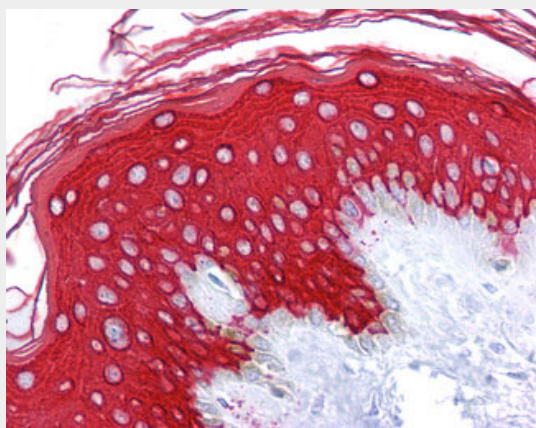
protein level) (PubMed:12427098)

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) - 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](#)

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) - Images



Anti-KRT10 / Cytokeratin 10 antibody IHC of human skin.

KRT10 / CK10 / Cytokeratin 10 Antibody (clone DE-K10) - References

- Zhou X.M., et al. J. Biol. Chem. 263:15584-15589(1988).
Rieger M., et al. J. Mol. Biol. 204:841-856(1988).
Zody M.C., et al. Nature 440:1045-1049(2006).
Darmon M.Y., et al. Mol. Biol. Rep. 12:277-283(1987).
Rothnagel J.A., et al. Invest. Dermatol. 102:13-16(1994).