

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12790

Specification

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	P13647
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62kDa KDa

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) - Additional Information

Gene ID 3852

Other Names

Keratin, type II cytoskeletal 5, 58 kDa cytoskeletal, Cytokeratin-5, CK-5, Keratin-5, K5, Type-II keratin Kb5, KRT5

Reconstitution & Storage

Store at 2°C to 8°C degrees. Do not freeze.

Precautions

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) - Protein Information

Name KRT5

Function

Required for the formation of keratin intermediate filaments in the basal epidermis and maintenance of the skin barrier in response to mechanical stress (By similarity). Regulates the recruitment of Langerhans cells to the epidermis, potentially by modulation of the abundance of macrophage chemotactic cytokines, macrophage inflammatory cytokines and CTNND1 localization in keratinocytes (By similarity).

Cellular Location

Cytoplasm.

Tissue Location

Expressed in corneal epithelium (at protein level) (PubMed:26758872). Expressed in keratinocytes (at protein level) (PubMed:20128788, PubMed:31302245).

Volume

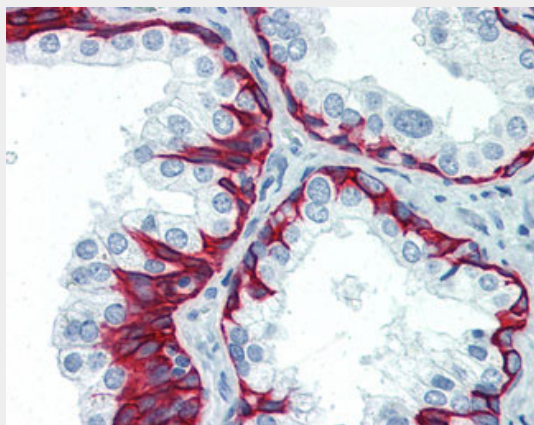
500 µl

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) - Protocols

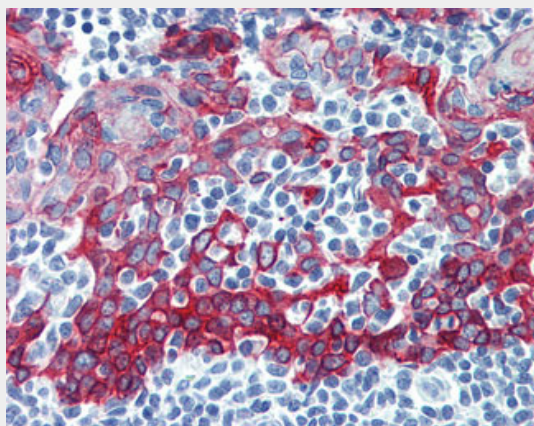
Provided below are standard protocols that you may find useful for product applications.

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

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) - Images



Anti-KRT5 / Cytokeratin 5 antibody IHC of human prostate.



Anti-KRT5 / Cytokeratin 5 antibody IHC of human tonsil.

KRT5 / CK5 / Cytokeratin 5 Antibody (C-Terminus) - References

- Eckert R.L., et al. DNA 7:337-345(1988).
Lersch R., et al. Mol. Cell. Biol. 9:3685-3697(1989).
Whitlock N.V., et al. Biochem. Biophys. Res. Commun. 274:149-152(2000).
Lersch R., et al. Mol. Cell. Biol. 8:486-493(1988).
Xu Z., et al. Clin. Exp. Dermatol. 29:74-76(2004).