

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590)
Rabbit Polyclonal Antibody
Catalog # ALS14125**Specification**

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) - Product Information

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

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) - Additional Information**Gene ID** 3852**Other Names**

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

Target/Specificity

Keratin 5 Antibody detects endogenous levels of total Keratin 5 protein.

Reconstitution & Storage

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

Precautions

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) - 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).

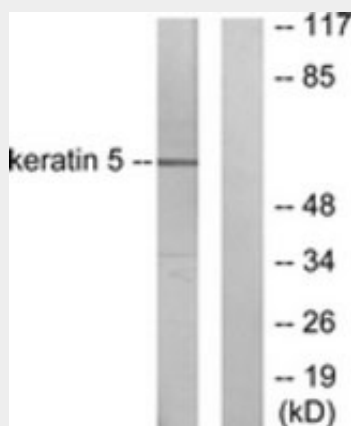
Volume
50 μ l

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) - Protocols

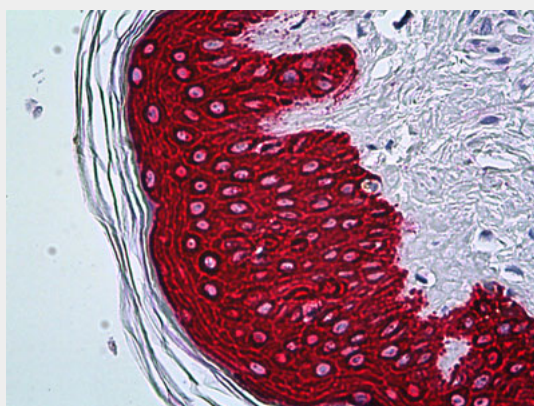
Provided below are standard protocols that you may find useful for product applications.

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

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) - Images



Western blot of extracts from HepG2 cells, using Keratin 5 Antibody.



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

KRT5 / CK5 / Cytokeratin 5 Antibody (aa541-590) - 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).