

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of Rabbit Polyclonal Antibody Catalog # ALS17024)

Specification

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of - Product Information)

Application	IHC
Primary Accession	P13647
Other Accession	3852
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62378

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of - Additional Information)

Gene ID 3852

Other Names

KRT5, 58 kd cytokeratin, 58 kDa cytokeratin, CK5, CK-5, Cytokeratin-5, DDD, EBS2, Keratin 5, KRT5A, Type-II keratin Kb5, Cytokeratin 5, K5, Keratin-5

Target/Specificity

Human Cytokeratin 5 / Keratin 5

Reconstitution & Storage

PBS, pH 7.2, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Precautions

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of is for research use only and not for use in diagnostic or therapeutic procedures.

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of - 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 µl

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of - 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 (Synthetic peptide, corresponding to amino acids 550-600 of - Images

Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

KRT5 / CK5 / Cytokeratin 5 Antibody (Synthetic peptide, corresponding to amino acids 550-600 of - 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).