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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).

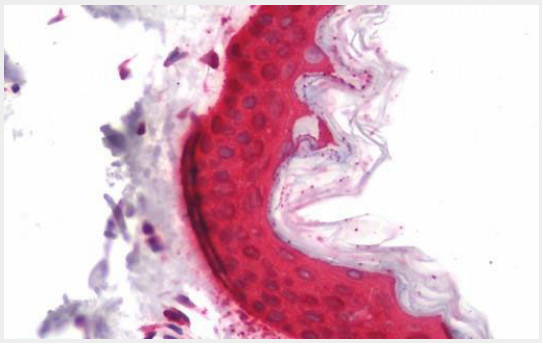
Volume
50 µl

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 Cytomety
- 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).
Whittock 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).