

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26)
Mouse Monoclonal Antibody
Catalog # ALS13878

Specification

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26) - Product Information

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

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26) - 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

c-terminal

Reconstitution & Storage

Stable for 24 months when stored at 2-8°C.

Precautions

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26) - 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).

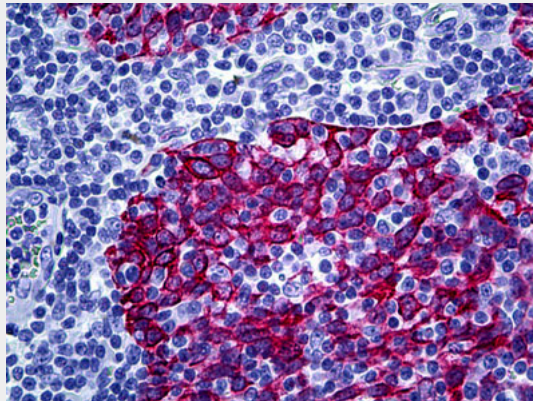
Volume
125 µl

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26) - 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 (clone XM26) - Images



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

KRT5 / CK5 / Cytokeratin 5 Antibody (clone XM26) - 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).