10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8)

Mouse Monoclonal Antibody
Catalog # ALS12523

Specification

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) - Product Information

Application	**IHC**
Primary Accession	P13646
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**50kDa KDa**

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) - Additional Information

Gene ID 3860

Other Names
Keratin, type I cytoskeletal 13, Cytokeratin-13, CK-13, Keratin-13, K13, KRT13

Target/Specificity
Human Keratin K13 (~51K)

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) - Protein Information

Name KRT13

Function
Type 1 keratin (Probable). Maintains postnatal tongue mucosal cell homeostasis and tissue organization in response to mechanical stress, potentially via regulation of the G1/S phase cyclins CCNE1 and CCNE2 (By similarity).

Tissue Location
Expressed in some epidermal sweat gland ducts (at protein level) and in exocervix, esophagus and placenta

Volume
50 µl

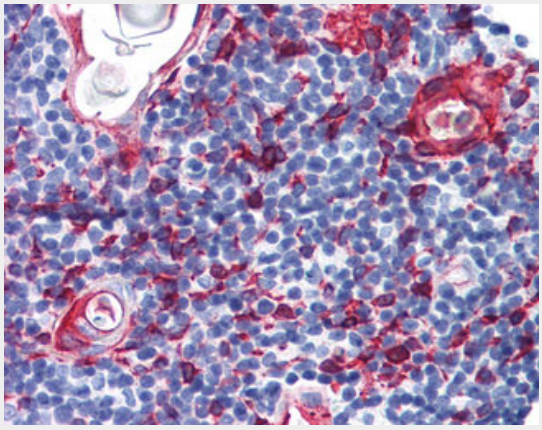
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) - Protocols

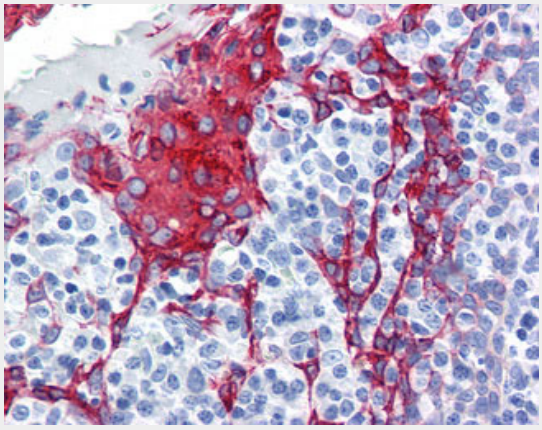
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) - Images



Anti-KRT13 / Cytokeratin 13 antibody IHC of human thymus.



Anti-KRT13 / Cytokeratin 13 antibody IHC of human tonsil.

KRT13 / CK13 / Cytokeratin 13 Antibody (clone AE8) - References

Schulz P.,et al.Biochem. Biophys. Res. Commun. 162:1522-1527(1989).
Mischke D.,et al.Nucleic Acids Res. 17:7984-7984(1989).
Kuruc N.,et al.Differentiation 42:111-123(1989).
Waseem A.,et al.Gene 215:269-279(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).