

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108)
Mouse Monoclonal Antibody
Catalog # ALS14873

Specification

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - Product Information

Application	IHC
Primary Accession	P08727
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	44kDa KDa

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - Additional Information

Gene ID 3880

Other Names

Keratin, type I cytoskeletal 19, Cytokeratin-19, CK-19, Keratin-19, K19, KRT19

Target/Specificity

Reacts exclusively with cytokeratin 19 which is present in glandular-type epithelia and most carcinomas. Does not react with hepatocytes and hepatocellular carcinoma.

Reconstitution & Storage

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

Precautions

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - Protein Information

Name KRT19

Function

Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

Tissue Location

Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). Expressed in epidermal basal cells, in nipple epidermis and a defined region of the hair follicle. Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

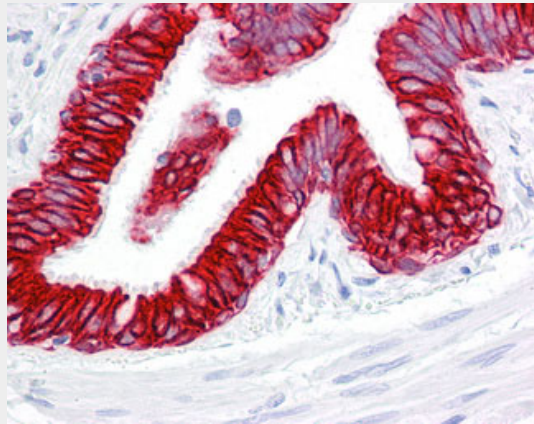
Volume
Array

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - 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](#)

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - Images



Anti-Cytokeratin 19 antibody IHC of human lung.

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - Background

Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - References

Stasiak P.C., et al. Nucleic Acids Res. 15:10058-10058(1987).
Bader B.L., et al. Eur. J. Cell Biol. 47:300-319(1988).
Eckert R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 85:1114-1118(1988).
Stasiak P.C., et al. J. Invest. Dermatol. 92:707-716(1989).
Whitlock N.V., et al. Biochem. Biophys. Res. Commun. 267:462-465(2000).

KRT19 / CK19 / Cytokeratin 19 Antibody (clone RCK108) - Citations

- [Clonal Origin and Lineage Ambiguity in Mixed Neuroendocrine Carcinoma of the Uterine Cervix](#)