

**KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS16940**

**Specification**

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**KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free) - Product Information**

Application	IHC
Primary Accession	<a href="#">P08727</a>
Other Accession	<a href="#">3880</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a, $\mu$
Calculated MW	44106

**KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free) - Additional Information**

**Gene ID** 3880

**Other Names**

KRT19, CK19, Cytokeratin 19, Cytokeratin-19, Keratin 19, Keratin-19, CK-19, K19, K1CS, Keratin, type I, 40-kd

**Target/Specificity**

Epitope: aa 312-335. This antibody reacts weakly with rat, mouse and guinea pig.

**Reconstitution & Storage**

10mM PBS, pH 7.4. Stable for 36 months when stored at or below 0°C.

**Precautions**

KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free) is for research use only and not for use in diagnostic or therapeutic procedures.

**KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free) - 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**50  $\mu$ l**KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free) - 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 A53-B/A2.26, Azide-free) - Images**

Anti-KRT19 / CK19 / Cytokeratin 19 antibody IHC staining of human small intestine.

**KRT19 / CK19 / Cytokeratin 19 Antibody (clone A53-B/A2.26, Azide-free) - 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 A53-B/A2.26, Azide-free) - 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).