



CK19

Rabbit Monoclonal antibody(Mab) Catalog # AD80023

Specification

CK19 - Product info

Application IHC-P, IHC **Primary Accession** P08727 Reactivity Human Host Rabbit Clonality **Monoclonal** Calculated MW 44106

CK19 - Additional info

Gene ID 3880 Gene Name KRT19

Other Names

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

Dilution

IHC-P~~Ready-to-use IHC~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions CK19 Antibody is for research use only and

not for use in diagnostic or therapeutic

procedures.

CK19 - Protein Information

Name KRT19

Tissue Location

Function Involved in the organization of myofibers.

Together with KRT8, helps to link the

contractile apparatus to dystrophin at the

costameres of striated muscle.

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.

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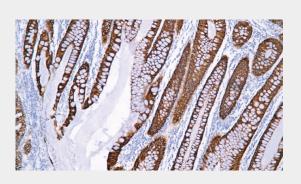
Also seen in a subset of vascular wall cells in both the veins and artery of human umbilical cord, and in umbilical cord vascular smooth muscle. Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma in structures that contain dystrophin and spectrin.

CK19 - Protocols

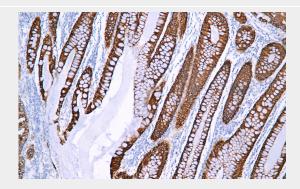
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

CK19 - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded colorectal carcinoma; tissue using AD80023 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems Abcepta: AR005 was used as the secondary antibody.