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Anti-CK19 Mouse mAb

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP53489

Specification

Anti-CK19 Mouse mAb - Product Information

Application	**IHC**
Primary Accession	P08727
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Immunogen	**Synthetic peptide conjugated to KLH.**
Purification	**Affinity Purification**
Calculated MW	**44kDa KDa**

Anti-CK19 Mouse mAb - Additional Information

Gene ID 3880

Other Names
Cytokeratin 19, Keratin type I cytoskeletal 19, 40 kDa keratin intermediate filament

Dilution
IHC~~1:200

Format
PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage
Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Anti-CK19 Mouse mAb - 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

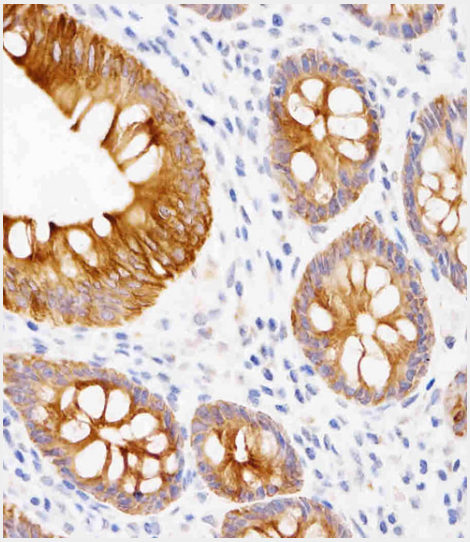
dystrophin and spectrin.

Anti-CK19 Mouse mAb - 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

Anti-CK19 Mouse mAb - Images



Immunohistochemical analysis of KRT19 in Human appendix tissue sections(IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1/200) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

Anti-CK19 Mouse mAb - Background

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