

Cytokeratin 19 Antibody

Rabbit mAb Catalog # AP90352

Specification

Cytokeratin 19 Antibody - Product Information

Application WB, IHC, FC, ICC

Primary Accession P08727
Clonality Monoclonal

Other Names

KRT19; K1CS; CK19; K19; CK 19; Cytokeratin 19; MGC15366;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 44106 Da

Cytokeratin 19 Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500 FC~~1:10~50 ICC~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

Cytokeratin 19

Description Cytokeratin 19, also known as KRT19,

CK19, CK19, K1CS, MGC15366. Entrez Protein NP_002267. It is a member of the

keratin family. The keratins are

intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are

consist of acidic proteins which are arranged in pairs of heterotypic keratin

chains.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Cytokeratin 19 Antibody - 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

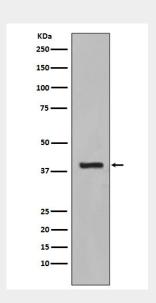
Expressed in a defined zone of basal keratinocytes in the deep outer root sheath of hair follicles. Also observed in sweat gland and mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, ectocervical epithelium (at protein level). 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.

Cytokeratin 19 Antibody - Protocols

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

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

Cytokeratin 19 Antibody - Images



Western blot analysis of Cytokeratin 19 expression in HepG2 cell lysate.