

## KRT19

**Reactivity:** Human Mouse

**Tested applications:** WB IHC ICC IF FC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:200  
FC 1:10 - 1:50

**Calculated MW:** 40 kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human KRT19

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

K19; CK19; K1CS;

**Catalog #:** A10948

**Antibody Type:**

Monoclonal Antibody

**Species:** Rabbit

**Gene ID:** 3880

**Isotype:** IgG

**Swiss Prot:** P08727

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene 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 arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

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