

## KRT19

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

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

**Calculated MW:** 40kDa

**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:**

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

**Catalog #:** A0247

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 3880

**Isotype:** IgG

**Swiss Prot:** P08727

**Purity:** Affinity purification

For research use only.

**Background:**

Keratins (cytokeratins) are intermediate filament proteins that are mainly expressed in epithelial cells. Keratin heterodimers composed of an acidic keratin (or type I keratin, keratins 9 to 23) and a basic keratin (or type II keratin, keratins 1 to 8) assemble to form filaments (1,2). Keratin isoforms demonstrate tissue- and differentiation-specific profiles that make them useful as biomarkers (1). Mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases (3-6). Keratin 7 and Keratin 19 have been shown to be present in hepatic and pancreatic progenitor/stem cells (7,8).

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