

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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