

KRT7

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF FC

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:20 - 1:50 FC 1:20 - 1:100

Calculated MW: 51kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human KRT7

Storage Buffer:

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

Synonym:

KRT7;CK7;K2C7;K7;MGC129731;MGC3625;SCL ;Cytokeratin 7

Catalog #: A0063

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3855

Isotype: IgG

Swiss Prot: P08729

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 are present in hepatic and pancreatic progenitor/stem cells (7,8).

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