

## KRT8

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:100 IF 1:50 - 1:200

**Calculated MW:**54kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human KRT8

**Storage Buffer:**

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

**Synonym:**

KRT8;CARD2;CK8;CYK8;K2C8;K8;KO ;

**Catalog #:**A1024

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3856

**Isotype:**IgG

**Swiss Prot:**P05787

**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). Research studies have shown that mutations in keratin genes are associated with skin disorders, liver and pancreatic diseases, and inflammatory intestinal diseases (3-6).

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