

KRT5

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: 62kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human KRT5

Storage Buffer:

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

Synonym:

K5; CK5; DDD; EBS2; KRT5A;

Catalog #: A2662

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3852

Isotype: IgG

Swiss Prot: P13647

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.

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