

COL17A1

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW: 130/180 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human COL17A1

Storage Buffer:

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

Synonym:

ERED; BP180; BPA-2; BPAG2; LAD-1; BA16H23.2;

Catalog #: A10823

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 1308

Isotype: IgG

Swiss Prot: Q9UMD9

Purity: Affinity purification

For research use only.

Background:

This gene encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or LAD-1, is generated by proteolytic processing of the full length form.

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