

## 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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