

## Product datasheet for **AP23436PU-N**

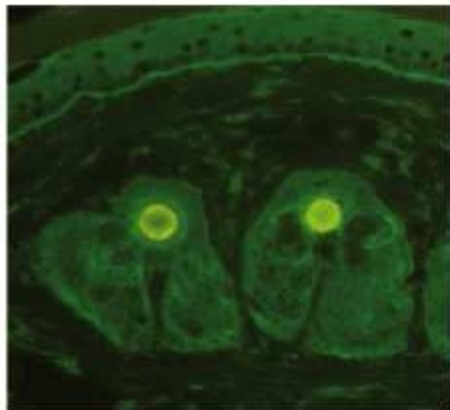
### Col7a1 Mouse Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Immunohistochemistry on Cryosections (Ref.2).
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Murine type VII Collagen (aa 757-967) GST fusion protein.
Specificity:	Recognizes Mouse type VII Collagen Mice from which antibody is isolated show clinical evidence of epidermolysis bullosa acquisita (EBA).
Formulation:	PBS pH 7.4 State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore in aqua bidest to a concentration of 1 mg/ml.
Purification:	Protein G Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	collagen, type VII, alpha 1
Database Link:	<a href="#">Entrez Gene 12836 Mouse Q63870</a>
Background:	Type VII collagen fibrils are composed of three identical alpha collagen chains. It's location is restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in the collagen V11 gene are associated with all forms of dystrophic epidermolysis bullosa.
Synonyms:	COL7A1, Long-chain collagen, LC collagen



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**Product images:**

Immunofluorescence: AP23436PU Collagen VII antibody staining of Murine Skin Cryosection. The sections was incubated with AP23436PU followed by an appropriate secondary antibody coupled to FITC