

Datasheet for ABIN615642

anti-COL7A1 antibody (AA 757-967)



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1 Image

Overview

Quantity:	0.1 mg
Target:	COL7A1
Binding Specificity:	AA 757-967
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL7A1 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant Murine Collagen type VII (aa 757-967) GST fusion protein. Genename: Col7a1
Specificity:	This antibody recognizes Murine 290 kDa type VII Collagen (epidermal basement membrane / anchoring fibril component).
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Protein G Chromatography

Target Details

Target:	COL7A1
Alternative Name:	Collagen Type VII (COL7A1 Products)

Target Details

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, LC collagen, Long-chain collagen

Gene ID: 12836

NCBI Accession: [NP_031764](#)

UniProt: [Q63870](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Reconstitution: Restore in aqua bidest to 1 mg/mL.

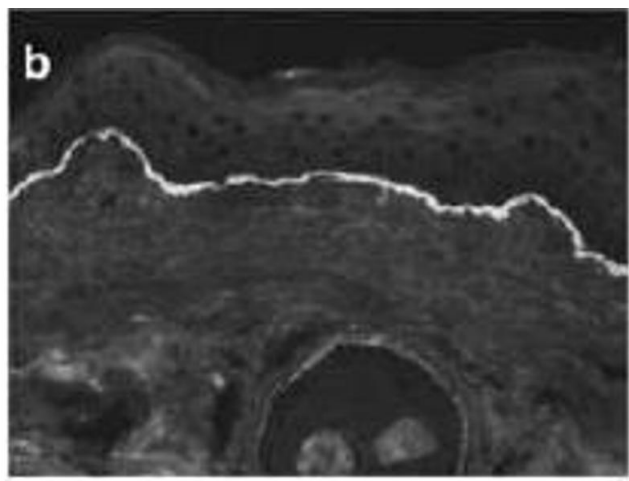
Buffer: PBS, pH 7.2

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store lyophilized at 2-8 °C and reconstituted at -20 °C.

Images



Immunofluorescence

Image 1. Immunofluorescence of Collagen VII staining of Cryosections of Murine Skin. The section was incubated with this product followed by an appropriate secondary antibody coupled to Fluorescein. This antibody marks the dermal-epidermal junction (DEJ). See *Sesarman et al. J. Mol. Med* 86: 951-959.