

Datasheet for ABIN615638

anti-COL7A1 antibody (AA 757-967)[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Recombinant Murine type VII Collagen (aa 757-967) GST fusion protein. Genename: Col7a1
Isotype:	IgG
Specificity:	Recognizes Mouse type VII Collagen Mice from which antibody is isolated show clinical evidence of epidermolysis bullosa acquisita (EBA).
Purification:	Protein G Chromatography

Target Details

Target:	COL7A1
Alternative Name:	Collagen Type VII (COL7A1 Products)
Background:	Type VII collagen fibrils are composed of three identical alpha collagen chains. It's location is

Target Details

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 a concentration of 1 mg/mL.

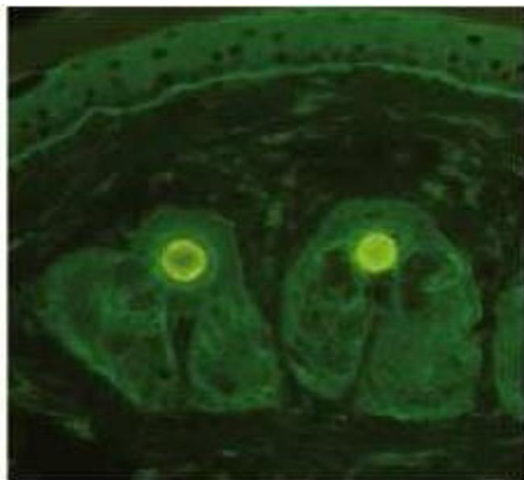
Buffer: PBS pH 7.4

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