

Data Sheet

MURINE TYPE VII COLLAGEN (aa 757-967) [NC1 FN-III-LIKE DOMAINS 7 AND 8]

ANTIBODY, POLYCLONAL

Catalog no.:	AL1006.3 / AL1006.4
Immunogen	Recombinant murine type VII collagen (aa 757-967) GST fusion protein
Synonyms:	Long-chain collagen (LC collagen)
Swiss-Prot No:	Q63870
Gene Information:	Gene name: Col7a1 GenelD: 12836
Host:	Rabbit
Matrix:	IgG, Protein G purified from serum; PBS pH 7.2
Specificity:	Recombinant murine type VII collagen (aa 757-967); murine 290 kDa type VII collagen (epidermal basement membrane / anchoring fibril component) Cross-reacts with human skin.
Contents:	10 µg / 100 µg (lyophilized) Resuspend in 10 µl / 100 µl aqua bidest.
Known applications:	ELISA, immunohistochemistry (cryosections) ¹ , induction of experimental EBA in mice ¹

This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions/concentrations in their system using appropriate negative/positive controls.

Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
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References:	1. Sitaru C, Mihai S, Otto C, Chiriac MT, Hausser I, Dotterweich B, Saito H, Rose C, Ishiko A, Zillikens D (2005). Induction of dermal-epidermal separation in mice by passive transfer of antibodies specific to type VII collagen. <i>J Clin Invest</i> 115(4): 870-878. 2. Sesarman A, Sitaru AG, Olaru F, Zillikens D, Sitaru C (2008). Neonatal Fc receptor deficiency protects from tissue injury in experimental epidermolysis bullosa acquisita. <i>J Mol Med</i> 86(8): 951-959.
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Last updated on:	17 January 2018
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For research use only

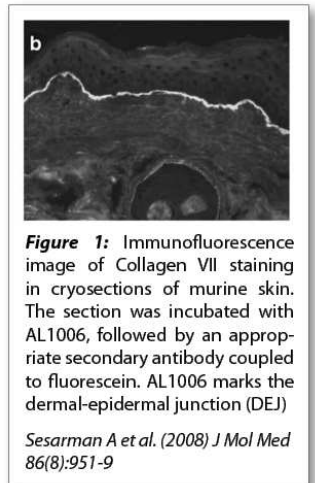


Figure 1: Immunofluorescence image of Collagen VII staining in cryosections of murine skin. The section was incubated with AL1006, followed by an appropriate secondary antibody coupled to fluorescein. AL1006 marks the dermal-epidermal junction (DEJ)
Sesarman A et al. (2008) J Mol Med 86(8):951-9



A horizontal banner with six segments: an orange square with the word 'Antibodies', a microscopic image of cells, a light green square, a yellow-green microscopic image of cells, a light blue square, and a yellow square with the 'immundiagnostik' logo.

Antibodies

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