

Data Sheet

HUMAN TYPE XVII COLLAGEN (aa 507-548)

ANTIBODY, POLYCLONAL

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| Catalog no.: | AL1001.3 / AL1001.4 |
| Immunogen: | Recombinant human type XVII collagen (aa 507-548) GST fusion protein |
| Synonyms: | Bullous pemphigoid antigen 2, 180 kDa bullous pemphigoid antigen 2 |
| Swiss-Prot No: | Q9UMD9 |
| Gene Information: | Gene Name: COL17A1, BP180, BPAG2 GeneID: 1308 |
| Host: | Rabbit |
| Matrix: | IgG, Protein G purified from serum; 50 mM Tris pH 7.4. |
| Specificity: | Human type XVII collagen |
| Contents: | 10 µg / 100 µg (lyophilized) Resuspend in 10 µl / 100 µl aqua bidest. |
| Known applications: | ELISA (1:5000), Western Blot (1:500) ² , immunohistochemistry (cryosections, 1:100), immunocytochemistry ³ 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 |
| References: | <ol style="list-style-type: none"> 1. Sitaru C, Schmidt E, Petermann S, Munteanu LS, Brocker EB, Zillikens D (2002). Autoantibodies to bullous pemphigoid antigen 180 induce dermal-epidermal separation in cryosections of human skin. <i>J Invest Dermatol.</i> 118:664-71. 2. Hirako Y, Yoshino K, Zillikens D, Owaribe K (2003). Extracellular cleavage of bullous pemphigoid antigen 180/type XVII collagen and its involvement in hemidesmosomal disassembly. <i>J Biochem</i> 133(2): 197-206. 3. Hirako Y, Nishizawa Y, Sitaru C, Opitz A, Marcus K, Meyer HE, Butt E, Owaribe K, Zillikens D (2003). The 97-kDa (LABD97) and 120-kDa (LAD-1) fragments of bullous pemphigoid antigen 180/type XVII collagen have different N-termini. <i>J Invest Dermatol.</i> 121:1554-6. |
| Last updated on: | 28 July 2016 |

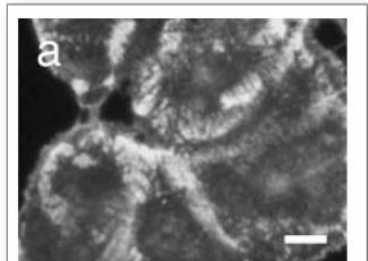


Figure 1: Immunocytochemistry image of Collagen XVII staining in cultured human skin squamous carcinoma DJM-1 cells. The cells were grown on glass slides, fixed in 4% paraformaldehyde and incubated with AL1001. AL1001 stains Collagen XVII at hemidesmosomes. Scale bar = 10 µm.

Hirako Y et al. (2003)
J Biochem 133(2):197-206





Antibodies

For research use only

Publishing research using AL1001? Please let us know so that we can cite your publication as a reference.



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