Antigens

Data Sheet

HUMAN LAMININ 5

NATIVE

Catalog no.:	AP1002AG.1/ AP1002AG.2
Name:	Human Laminin 5; Laminin 5 consists of three chains: α3, β3, γ2
Synonyms:	Laminin-332
MW:	~ 430 kDa
Swiss-Prot No:	Q16787, Q13751, and Q13753
Gene Information:	Gene Names: LAMA3, LAMB3, and LAMC2
	GeneID´s: 3909, 3914, and 3918
Source:	Human foreskin keratinocytes (cell culture supernatant)
Purification:	Affinity chromatography
Storage buffer:	150 mM NaCl, 10 mM Tris, pH 7.4
Purity:	> 90 % (SDS-PAGE)
Contents:	10 µg / 100 µg (liquid)
Store at:	- 20 °C
	Repeated thawing and freezing must be avoided

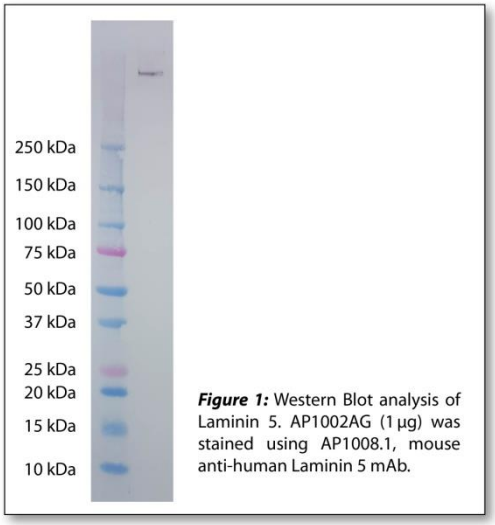

Figure 1: Western Blot analysis of Laminin 5. AP1002AG (1 µg) was stained using AP1008.1, mouse anti-human Laminin 5 mAb.

References:

1. Tsunenaga M, Adachi E, Amano S, Burgeson RE, Nishiyama T (1998). Laminin 5 can promote assembly of the lamina densa in the skin equivalent model. *Matrix Biology* **17**(8-9): 603-613.

2. Sercu S, Zhang M, Oyama N, Hansen U, Ghalbzouri AE, Jun G, Geentjens K, Zhang L, Merregaert JH (2008). Interaction of extracellular matrix protein 1 with extracellular matrix components: ECM1 is a basement membrane protein of the skin. *J Invest Dermatol* **128**(6): 1397-1408.

3. Oh J-E, Jang DH, Kim H, Kang HK, Chung C-P, Park WH, Min B-M (2009). [alpha]3[beta]1 integrin promotes cell survival via multiple interactions between 14-3-3 isoforms and proapoptotic proteins. *Experimental Cell Research* **315**(18): 3187-3200.

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For research use only

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