



兔抗 LAMB1 多克隆抗体

中文名称： 兔抗 LAMB1 多克隆抗体

英文名称： Anti-LAMB1 rabbit polyclonal antibody

别 名： CLM; LIS5

抗 原： LAMB1

储 存： 冷冻 (-20°C) 避光

宿 主： Rabbit

反应种属： Human Mouse

相关类别： 一抗

标记物： Unconjugate

克隆类型： Unconjugate

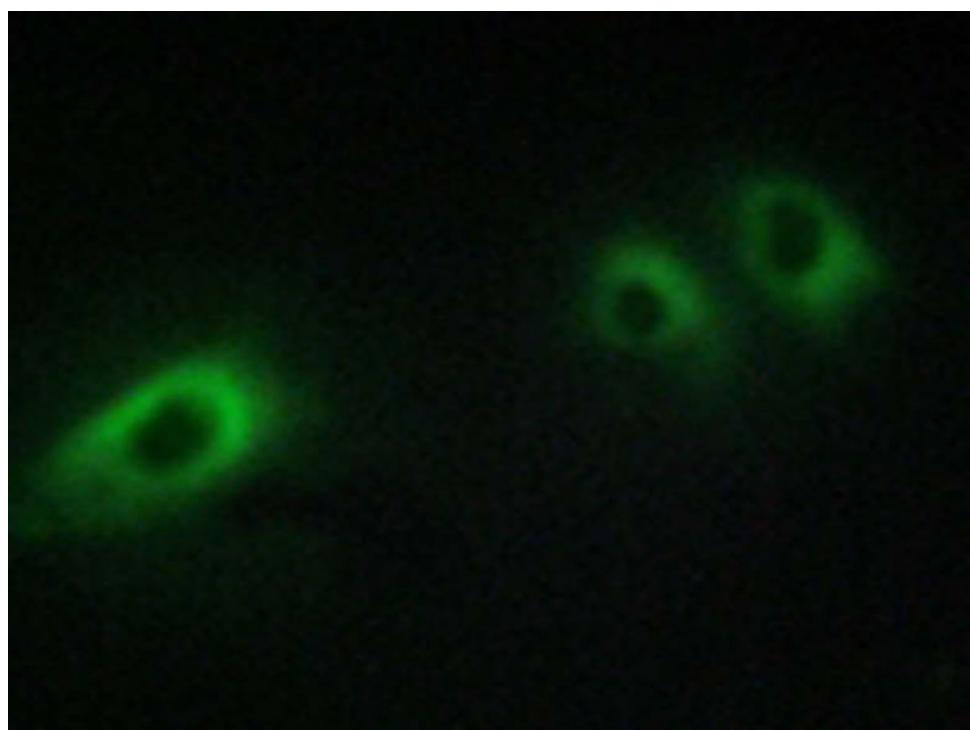
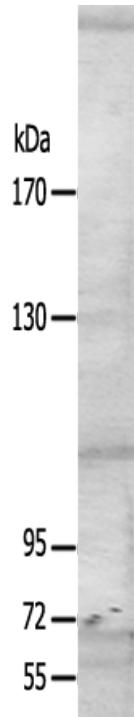
技术规格

Background:

Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Laminins are composed of 3 non identical chains: laminin alpha, beta and gamma (formerly A, B1, and B2, respectively) and they form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. Each laminin chain is a multidomain protein encoded by a distinct gene. Several isoforms of each chain have been described. Different alpha, beta and gamma

	ma chain isomers combine to give rise to different heterotrimeric laminin isoforms which are designated by Arabic numerals in the order of their discovery, i.e. alpha1beta1gamma1 heterotrimer is laminin 1. The biological functions of the different chains and trimer molecules are largely unknown, but some of the chains have been shown to differ with respect to their tissue distribution, presumably reflecting diverse functions in vivo. This gene encodes the beta chain isoform laminin, beta 1. The beta 1 chain has 7 structurally distinct domains which it shares with other beta chain isomers. The C-terminal helical region containing domains I and II are separated by domain alpha, domains III and V contain several EGF-like repeats, and domains IV and VI have a globular conformation. Laminin, beta 1 is expressed in most tissues that produce basement membranes, and is one of the 3 chains constituting laminin 1, the first laminin isolated from Engelbreth-Holm-Swarm (EHS) tumor. A sequence in the beta 1 chain that is involved in cell attachment, chemotaxis, and binding to the laminin receptor was identified and shown to have the capacity to inhibit metastasis.
Applications:	WB, IHC, IF
Name of antibody:	LAMB1
Immunogen:	Synthesized peptide derived from C-terminal of human LAMB1.
Full name:	laminin, beta 1
Synonyms :	CLM; LIS5
SwissProt:	P07942
IHC positive control:	Human liver carcinoma tissue
IHC Recommend dilution:	50-100
WB Predicted band size :	198 kDa
WB Positive control:	HepG2 cells lysate
WB Recommended dilution:	500-3000
IF positive control:	HeLa cells
IF Recommend dilution:	100-500

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