

## Mouse Monoclonal Antibody to LAMB1

<b>Catalogue Number</b>	sAP-0236
<b>Target Molecule</b>	<b>Name:</b> LAMB1 <b>Aliases:</b> CLM; MGC142015 <b>MW:</b> N/A
<b>Description</b>	<b>Entrez Gene ID: 3912</b> LAMB1: laminin, beta 1. 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 chain isoforms combine to give rise to different heterotrimeric laminin isoforms which are designated by Arabic
<b>Immunogen</b>	Purified recombinant fragment of LAMB1 (aa31-270) expressed in E. Coli. ;
<b>Recitative Species</b>	Human
<b>Clone</b>	MM2D9G5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Clin Endocrinol Metab. 2003 Oct;88(10):4960-6. ; 2. Breast Cancer Res. 2005;7(4):R411-21.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**