



## Mouse monoclonal antibody to human Laminin [LAM-26]: IgG

<b>Catalogue No.:</b>	M-982-100
<b>Description:</b>	Laminin is a large (900 kDa) complex extracellular glycoprotein and a major component of the basement membrane. Laminin is thought to mediate the attachment, migration, and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. Laminin is composed of three different polypeptide chains; alpha, beta and gamma which are bound to each other by disulphide bonds into a cross-shaped molecule. Isoforms have been detected for all three chains. The different combinations of the alpha, beta and gamma chains give rise to at least 15 laminin heterotrimers.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Human laminin
<b>Clone:</b>	LAM-26
<b>Other Names:</b>	LAMA; LAMA1;
<b>Accession:</b>	P25391 LAMA1_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.25-0.5 ug/mL is recommended for WB. Human laminin (subunit alpha-1) has a predicted length of 3,075 residues and a MW of 337 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect laminin in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; pig; feline;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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