

Rabbit Anti-Laminin pAb

Catalog No.	PS040	Quantity:	0.25 ml
Description:	Rabbit Anti-Laminin polyclonal antibody. Laminin is a non-collagenous protein of basement membranes. This glycoprotein has a molecular weight of about 900 kDa. By rotary shadowing it has a cross-like shape, consisting of one long arm, (400 kDa) and three short arms (200 kDa). Antibodies to laminin localize exclusively in basement membranes. Laminin is found throughout the basement membrane, but the reaction with the antibodies to Laminin is more intense in the lamina lucida, the part of the basement membrane adjacent to the cell membrane. Laminin binds to type IV collagen, a component exclusively localized in the basement membrane. Laminin has been shown to play a role in cell adhesion and attachment <i>in vivo</i> and <i>in vitro</i> .		
Specificity:	In immunoblots, reacted with a distinct band of approximately 200-220 kDa from a 8 M Urea extract from anion basement membrane but did not react with human type I, III, IV, and V collagen.		
Host:	Rabbit		
Immunogen:	Isolated from EHS-mouse sarcoma. Antigen location: basement membrane		
Formulation:	Liquid		
Cross-Reactivity:	Cross reacts with most mammals.		
Applications:	Immunohistochemistry (Frozen and Paraffin)		
Application Notes:	For immunohistochemistry on frozen sections, fixation with acetone for 5 min. at -20°C is recommended. On paraffin embedded tissue sections, proteolytic treatment with pepsin is advised. Working dilution: 1:50-1:100. (Based on the Indirect method, with a normal ABC method the dilution can be 5-10 times higher, but optimal dilution should be tested by serial dilution). Dilute immediately before use with PBS or Tris. Recommended positive control: skin, kidney. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Stable for 2 months when stored undiluted at 2-4°C or in working aliquots at -20°C for longer storage. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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