

Product datasheet for **BP5032**

Laminin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunoblotting. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections (Proteolytic treatment required, Enzyme: pepsin). Positive Control: Skin, Kidney. Working Dilutions: 1/50-1/100.
Reactivity:	Bovine, Human, Mammalian, Mouse, Porcine, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Laminin isolated from Engelbrecht-Holm-Swarm (EHS)-Mouse sarcoma.
Specificity:	This antibody detects Laminin. No cross reaction was obtained with Human type I, III, IV and V Collagen in Immunoblotting, whereas the antibody reacted with a distinct band of ~200-220 kD from a 8M Urea extract from amnion basement membrane.
Formulation:	PBS State: Serum State: Liquid Serum Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



[View online »](#)

Background:

Laminin is a glycoprotein (Mr 850 - 1.000 kD, consisting of 3 glycosylated polypeptide chains with molecular weights of 440 and 225 (2x) kD) produced by various human epithelial and mesenchymal cells, and forms an extracellular matrix of thin filaments. In normal tissues, laminin is invariably present in all basal laminae surrounding muscle, nerve, fat and decidua cells and separates epithelial and endothelial cells from abutting connective tissues. Laminin has also been identified within the cytoplasm of breast epithelia, stromal cells of the endometrium, and within endothelial, bile duct epithelial and mesenchymal cells of the liver. Laminin has been found to be involved in cellular activities such as adhesion, spreading, differentiation, polarization, proliferation, locomotion, tissue invasion and chemotactic responses.