

Product: Anti-Laminin
Catalog #: 03-10765
Amount: 100 ml

CATEGORY: Rabbit Polyclonal
FORM: Serum containing 0.09% sodium azide
IMMUNOGEN: Laminin isolated from Engelbrecht-Holm-Swarm (EHS) mouse sarcoma
DESCRIPTION: Laminin is a glycoprotein (Mr 850-1,000 kDa, consisting of 3 glycosylated polypeptide chains with molecular weights of 440 and 225 (2x) kDa) 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. 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 approx. 200-220 kDa from 8M Urea extract from amnion basement membrane.

ANTIGEN RECOGNIZED IN

SPECIES: Human, mouse, rat, rabbit, bovine, pig (most mammals)

RECOMMENDED FOR

POSITIVE CONTROL:

APPLICATION: Skin, kidney
Immunoblotting
Immunohistochemistry, suitable for frozen and paraffin*
sections (*proteolytic treatment required, with pepsin)

WORKING DILUTION:

1: 25 – 1:50

DILUTION BUFFER:

PBS with 1% BSA and 0.1% Na-Azide

STORAGE:

2-8°C for immediate use, or at -20°C (aliquot)

REFERENCES:

Lise Christensen (1992). APMIS Supplementum No. 26, Vol. 100

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