

## Rabbit Anti Laminin Polyclonal Antibody

DPBT-66636RL Rabbit(Laminin)

Lot. No. (See product label)

### PRODUCT INFORMATION

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| <b>Product Overview</b> | Rabbit Anti Laminin                                                                                                                            |
| <b>Immunogen</b>        | Purified laminin from Engelbreth-Holm-Swarm (EHS)                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                                         |
| <b>Isotype</b>          | Polyclonal IgG                                                                                                                                 |
| <b>Cross Reactivity</b> | Human. Not tested on others, but likely to be broadly cross-reactive.N.B. Antibody reactivity and working conditions may vary between species. |
| <b>Conjugation</b>      | N/A                                                                                                                                            |
| <b>Applications</b>     | IHC, FCM,                                                                                                                                      |
| <b>Dilution</b>         | IHC: 1/200 - 1/1000                                                                                                                            |

### PACKAGING

|                     |                                                                                                                                                                                                                                                                                                   |
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| <b>Format</b>       | Whole serum - liquid                                                                                                                                                                                                                                                                              |
| <b>Storage</b>      | Store at +4 °C or at -20 °C if preferred.This product should be stored undiluted.Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. |
| <b>Preservative</b> | 0.09% Sodium Azide                                                                                                                                                                                                                                                                                |
| <b>Shelf Life</b>   | 18 months from date of despatch.                                                                                                                                                                                                                                                                  |

### BACKGROUND

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| <b>Introduction</b> | Laminins are large heterotrimeric basement membrane glycoproteins composed of an $\alpha$ -, a $\beta$ - and a $\gamma$ -chain. At present 5 $\alpha$ -chains, 3 $\beta$ -chains, and 3 $\gamma$ -chains are known to form at least 15 different isoforms. The laminin isoforms have different tissue- and developmental-specific localizations, and more than 20 cell surface receptors have been identified for laminin, including integrins, proteoglycans, lectins, gangliosides, sulphatides, amyloid precursor protein and galactosyltransferases. Laminins have been found to promote cell adhesion, migration, protease activity, proliferation, tumour growth, angiogenesis and metastasis. |
| <b>Keywords</b>     | LAMA 1; LAMA; LAMA1; LAMB1; Lamc3; LAMC3; Laminin A chain; Laminin alpha 1; Laminin alpha 1 chain; Laminin B1 chain; Laminin subunit beta 1; Laminin subunit gamma-3; Laminin-12 subunit gamma; Laminin-14 subunit gamma; Laminin-15 subunit gamma                                                                                                                                                                                                                                                                                                                                                                                                                                                   |