



MOUSE ANTI-HUMAN LAMININ MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB1920
LOT NUMBER:	
QUANTITY:	100 μ L
IMMUNOGEN:	Purified human laminin
SPECIFICITY:	Reacts with the B2 chain of intact human laminin and does not block the neurite stimulating activity of laminin. Cross reacts with the 200 kDa chain of rat laminin.
ISOTYPE:	IgG _{1kappa}
CLONE:	2E8
APPLICATIONS:	ELISA (50% maximal binding to human laminin): \geq 1:300,000. Immunofluorescence: 1:30 Affinity chromatography Immunoprecipitation Immunoblotting Optimal working dilutions must be determined by end user.
SPECIES REACTIVITIES:	Human and rat laminin.
FORMAT:	Ascites, unpurified, no preservatives.
PRESENTATION:	Liquid, no preservatives added.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.
REFERENCES:	<p>DeBiase, P. J. <i>et al.</i> (2005). Laminin-311 (Laminin-6) fiber assembly by Type I-like alveolar cells. <i>J. Histochem. Cytochem.</i> 54(6): 665-672.</p> <p>Perreault, N. <i>et al.</i> (2005). Appearance and distribution of laminin α chain isoforms and integrin α2, α3, α6, β1, and β4 subunits in the developing human small intestinal mucosa. <i>Anat. Rec.</i> 242(2): 242-250.</p> <p>Jones, J. C. <i>et al.</i> (2005). Laminin-6 assembles into multimolecular fibrillar complexes with perlecan and participates in mechanical-signal transduction via a dystroglycan-dependent, integrin-independent mechanism. <i>J. Cell Sci.</i> 118(Pt 12): 2557-2566.</p> <p>Cauli, B. <i>et al.</i> (2004). Cortical GABA interneurons in neurovascular coupling: relays for subcortical vasoactive pathways. <i>J. Neurosci.</i> 24(41): 8940-8949.</p> <p>Hill, R. E. and Williams, P. E. (2002). A quantitative analysis of perineurial cell basement membrane collagen IV, laminin and fibronectin in diabetic and non-diabetic human sural nerve. <i>J. Anat.</i> 201(2): 185-192.</p>

- O'Brien, D. *et al* (2001). Laminin alpha2 (merosin)-deficient muscular dystrophy and demyelinating neuropathy in two cats. *J. Neurological Sciences* **189**: 37-43.
- Spessotto P *et al* (2001). Laminin isoforms 8 and 10 are primary components of the subendothelial basement membrane promoting interaction with neoplastic lymphocytes. *Cancer Res.* **61**: 339-47.
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- Wewer, U., *et al.* (1983). *J. Biol. Chem.* **258**: 12654-12660.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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