

Product datasheet for **AM20635PU-N**

Laminin Mouse Monoclonal Antibody [Clone ID: LAM-26]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LAM-26
Applications:	IHC, IP, WB
Recommended Dilution:	Western Blot: 0.25-0.5 µg/ml. Immunohistochemistry on Paraffin Sections: 0.5-1 µg/ml.
Reactivity:	Feline, Human, Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human laminin
Specificity:	This antibody reacts to Laminin.
Formulation:	1.2% Sodium Acetate, with 2 mg BSA and 0.01 mg Sodium Azide as preservative State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% Sodium Acetate or neutral PBS
Concentration:	0.1 mg/ml (after reconstitution with 1 ml PBS)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution 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.



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Background:

Laminin is a heterotrimeric extracellular matrix protein consisting of 3 chains: alpha-1, beta-1 and gamma-1, formerly called beta-2 (LAMA2). This gene is over 260,000 base pairs and contains 64 exons. Laminin is similar with merosin, a basement membrane-associated protein found in placenta, striated muscle, and peripheral nerve, and both of them are members of the same family of basement membrane proteins. And merosin is the same as laminin M, a striated muscle-specific, basal-lamina-associated protein, it may play a primary role in the pathogenesis of that disorder.