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39-1064: Anti-Laminin Monoclonal Antibody (Clone: LAM-89)

Clonality :	Monoclonal
Clone Name :	LAM-89
Application :	WB,IHC-P
Reactivity :	Human
Gene :	LAMB2
Gene ID :	3913
Uniprot ID :	P55268Â
Alternative Name :	Laminin subunit beta-2; Laminin chain B3; Laminin-11 subunit beta; Laminin-14 subunit beta; Laminin-15 subunit beta; Laminin-3 subunit beta; Laminin-4 subunit beta; Laminin-7 subunit beta
Isotype :	Mouse IgG1
Immunogen Information :	Human laminin.

Description

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.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.25-0.5ÃÂ¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1ÃÂ¼g/ml

For Research Use Only. Not for use in diagnostic/therapeutics procedures.