

For Research Use Only

Laminin beta 1 Monoclonal antibody

Catalog Number: 67705-1-Ig



Basic Information

Catalog Number: 67705-1-Ig	GenBank Accession Number: BC113455	Purification Method: Protein G purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3912	CloneNo.: 1B8E9
Source: Mouse	Full Name: laminin, beta 1	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Calculated MW: 1786 aa, 198 kDa	
Immunogen Catalog Number: AG19182	Observed MW: 220-240 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, NIH/3T3 cells, human placenta tissue, U2OS cells, A549 cells, HeLa cells, HepG2 cells
Species Specificity: Human, Mouse	

Background Information

Laminins are a family of basement membrane glycoproteins composed of three nonidentical chains, laminin alpha, beta and gamma (formerly A, B1, and B2, respectively) (PMID: 7959779). Laminins contribute to the structure of extracellular matrix and influence the behavior of associated cells, such as adhesion, differentiation, migration, phenotype stability, and resistance to anoikis (PMID: 23057746). Laminin beta 1 (LAMB1) is expressed in most tissues that produce basement membranes, and is one of the 3 chains constituting laminin-1, the first laminin isolated from Engelbreth-Holm-Swarm (EHS) tumor. Laminin beta 1 is also a subunit of laminin-2 (laminin-211 or merosin), laminin-6 (laminin-311 or K-laminin), laminin-8 (laminin-411), laminin-10 (laminin-511) and laminin-12 (laminin-213).

Storage

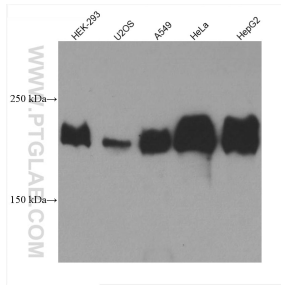
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67705-1-Ig (LAMB1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.