

For Research Use Only

Laminin beta 1 Monoclonal antibody

Catalog Number: 67705-1-Ig **2 Publications**



Basic Information

Catalog Number:

67705-1-Ig

Size:

1200 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG19182

GenBank Accession Number:

BC113455

GeneID (NCBI):

3912

UNIPROT ID:

P07942

Full Name:

laminin, beta 1

Calculated MW:

1786 aa, 198 kDa

Observed MW:

220-240 kDa

Purification Method:

Protein G purification

CloneNo.:

1B8E9

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse

Cited Species:

human

Positive Controls:

WB: HEK-293 cells, NIH/3T3 cells, human placenta tissue, U2OS cells, A549 cells, HeLa cells, HepG2 cells

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Fenfei Liang	38905100	Cell Rep	WB
Wei Xu	38185936	Diabet Med	

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

For technical support and original validation data for this product please contact:

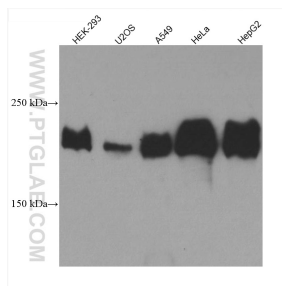
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.