

Laminin Polyclonal Antibody

Product Details

Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Laminin isolated from mouse EHS tumor.
Form	Liquid
Concentration	1 mg/mL
Purification	IgG fraction
Storage buffer	PBS with 50% glycerol
Contains	5mM sodium azide
Storage Conditions	-20°C or -80°C if preferred
RRID	AB_2133633

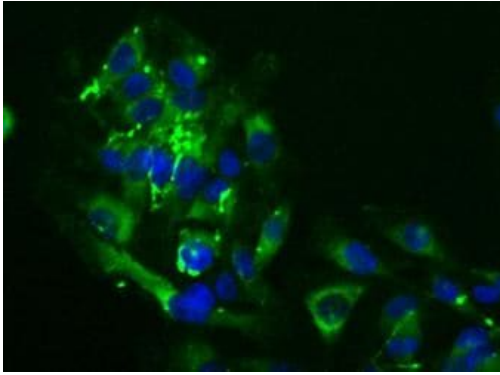
Applications	Tested	Dilution	Published
Immunohistochemistry (IHC)	-		1 Publication
Immunocytochemistry (ICC)	✓	1:1000-1:5000	1 Publication
Immunofluorescence (IF)	✓	1:1000-1:5000	
Immunohistochemistry (Frozen) (IHC (F))	✓	1:500-1:2000	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:500-1:2000	
Western Blot (WB)	✓	1:100-1:5000	

Product Specific Information

This antibody is pan-specific and reacts well with all Laminin isoforms tested: Laminin-1 (alpha-1, beta-1, and gamma-1) and Laminin-2 (alpha-2, beta-1, and gamma-1).

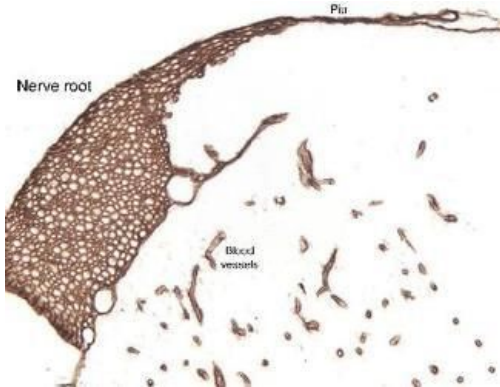
The antibody functionally inhibits Laminin in mouse and rat. It binds to Laminin and inhibits most, if not all, of its cell adhesion and growth promotive properties. Immunostaining is enhanced by antigen retrieval with pepsin, especially paraffin tissue. Suggested positive control: basement membranes (blood vessels of any tissue, tumors, nerve).

Product Images For Laminin Polyclonal Antibody



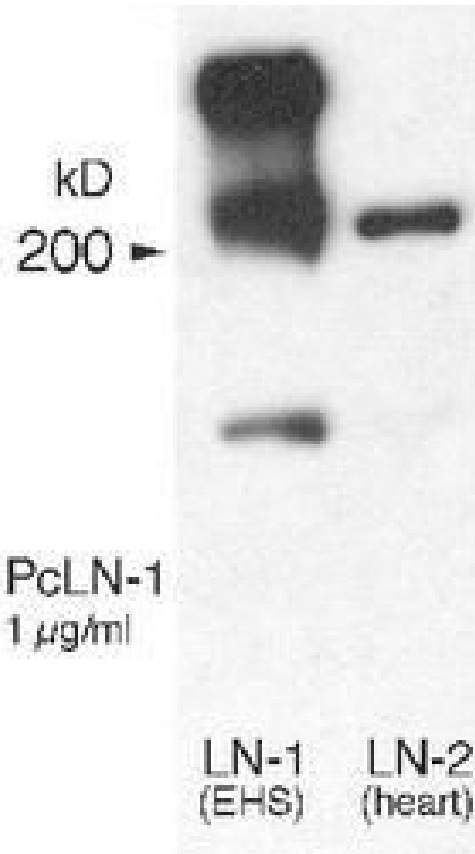
Laminin Antibody (PA1-16730) in IF

Detection of Laminin (Green) in HeLa cells using Product # PA1-16730 at a 1:50 dilution. Nuclei (Blue) were counterstained using Hoechst 33258.



Laminin Antibody (PA1-16730) in IHC

Immunohistochemical staining of rat spinal cord and dorsal root paraformaldehyde /paraffin-embedded tissue using Product # PA1-16730. Pepsin antigen retrieval was performed on this tissue sample.



Laminin Antibody (PA1-16730) in WB

Western Blot detection of laminin by Western blot using Product # PA1-16730.

2 References

Immunohistochemistry (1)

Journal of immunology research

Inflammatory-Driven Angiogenesis in Bone Augmentation with Bovine Hydroxyapatite, B-Tricalcium Phosphate, and Bioglasses: A Comparative Study.

"Published figure using Laminin polyclonal antibody (Product # PA1-16730) in Immunohistochemistry"

Authors: Angheliescu VM, Neculae I, Dinc O, Vldan C, Socoliuc C, Cioplea M, Nichita L, Popp C, Zurac S, Bucur A

Species

Not Applicable

Dilution

Not Cited

Year

2018

Immunocytochemistry (1)

Biomaterials

A semi-interpenetrating network of polyacrylamide and recombinant basement membrane allows pluripotent cell culture in a soft, ligand-rich microenvironment.

"PA1-16730 was used in immunocytochemistry to develop a method to generate semi-interpenetrating networks of polyacrylamide and recombinant basement membrane to culture human embryonic stem cells"

Authors: Price AJ, Huang EY, Sebastiano V, Dunn AR

Species

Human

Dilution

1:500

Year

2017

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