



Catalog Number:	RA22121	Host:	Rabbit
Product Type:	Polyclonal Affinity Purified Antibody	Species Reactivity:	Mouse
Immunogen Sequence:	Laminin-111 isolated from mouse EHS cells HGNC name: LAMA1, LAMB1, LAMC1	Format:	Liquid, 100 ul aliquot Concentration: 1.0 mg/ml
Applications:	Immunofluorescence/Immunohistochemistry: 1:1000-5,000 Western Blot: 1:1,000-5,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Application Notes

Description/Data:

Image: Mouse section of cortex stained with RA22121 (red). Blue is DAPI staining of DNA. This antibody reveals strong staining in the basement membranes of blood vessels

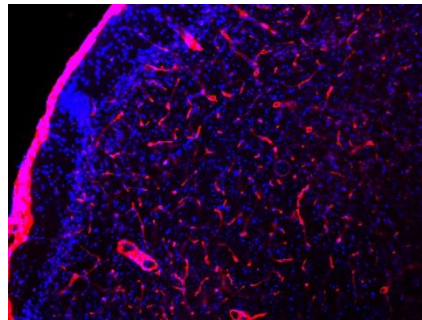


Image: Western blot analysis of RA22121. Blot of rat heart cells lysates (lane 1) and 0.2 µg of purified laminin-111 protein from mouse EHS sarcoma (lane 2) was probed with RA22121. This antibody recognizes 3 laminin isotypes: α1 (440kDa), β1 (220kD) and γ1 (220kDa). Also recognized is a laminin binding protein at 120kDa in both rat heart lysates and purified laminin protein. Since this protein always coexpresses with laminin this crossreactivity is irrelevant.



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