

# Product Datasheet

## Laminin Antibody (4C7) NB120-17107

Unit Size: 0.5 ml

Store at 4C.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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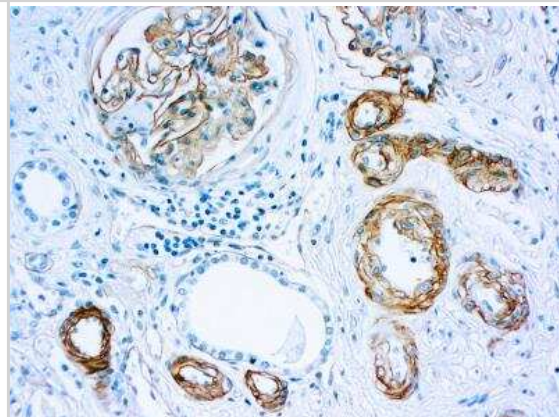
**NB120-17107**

## Laminin Antibody (4C7)

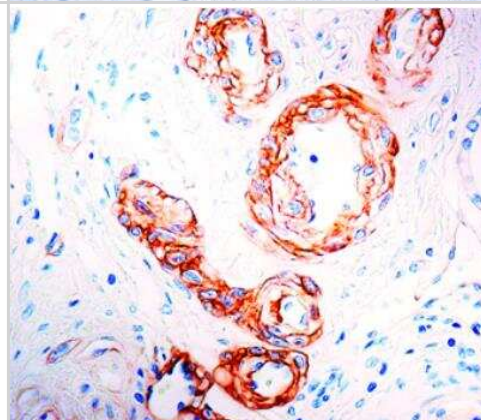
Product Information	
<b>Unit Size</b>	0.5 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4C7
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 0.2% BSA, Tween-20
<b>Target Molecular Weight</b>	337 kDa
Product Description	
<b>Description</b>	Novus Biologicals Mouse Laminin Antibody (4C7) (NB120-17107) is a monoclonal antibody validated for use in IHC and WB. Anti-Laminin Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	284217
<b>Gene Symbol</b>	LAMA1
<b>Species</b>	Human
<b>Marker</b>	Basement Membrane Marker
<b>Specificity/Sensitivity</b>	Laminin Antibody (4C7) reacts with the terminal globular domain of the A chain. The staining with this is sensitive to fixation of paraffin tissues and use of proteolytic enzymatic treatment.
<b>Immunogen</b>	Laminin Antibody (4C7) was made to the A chain of human laminin.
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry 1:5-1:20, Immunohistochemistry-Paraffin 1:5-1:20
<b>Application Notes</b>	IHC-P: recommended pretreatment of citrate buffer. Recommended incubation time of 30 min at RT. Use in Western blot reported in scientific literature (PMID: 20671748).

## Images

Immunohistochemistry-Paraffin: Laminin Antibody (4C7) [NB120-17107]  
- Analysis in formalin fixed paraffin embedded renal carcinoma stained with Laminin Antibody (4C7) [NB120-17107].



Immunohistochemistry-Paraffin: Laminin Antibody (4C7) [NB120-17107]  
- Analysis in formalin fixed paraffin embedded renal carcinoma with Laminin Antibody (4C7) [NB120-17107].



## Publications

Cleland MM, Norris KL, Karbowski M et al. Bcl-2 family interaction with the mitochondrial morphogenesis machinery. *Cell Death Differ.* 2011-02-01 [PMID: 20671748] (WB)

### Details:

WB: Wild type HCT116 and HCT116 cells transfected with Mfn2, Bax, or Bcl-x/Bax, Fig 5B. Characterization of biologically active domains on elastin: Identification of a monoclonal antibody to a cell recognition site. Wrenn DS, GL Griffin, RM Senior and RP



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### **Products Related to NB120-17107**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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