

For Research Use Only

# LAMC3-Specific Monoclonal antibody

Catalog Number: 67261-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 67261-1-Ig	<b>GenBank Accession Number:</b> NM_006059	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2400 ug/ml by Nanodrop and 1500 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10319	<b>CloneNo.:</b> 4B8C5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9Y6N6	<b>Recommended Dilutions:</b> WB: 1:500-1:3000 IF-P: 1:200-1:800
<b>Isotype:</b> IgG2a	<b>Full Name:</b> laminin, gamma 3	
<b>Immunogen Catalog Number:</b> AG19568	<b>Calculated MW:</b> 1575 aa, 171 kDa	
	<b>Observed MW:</b> 180-200 kDa	

## Applications

<b>Tested Applications:</b> WB, IF-P, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> human testis tissue, mouse placenta tissue, PC-3 cells
<b>Species Specificity:</b> human, mouse	<b>IF-P :</b> mouse testis tissue,
<b>Cited Species:</b> human	

## Notable Publications

Author	Pubmed ID	Journal	Application
Kenji Saito-Diaz	39605577	bioRxiv	WB

## Storage

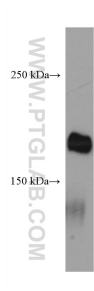
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

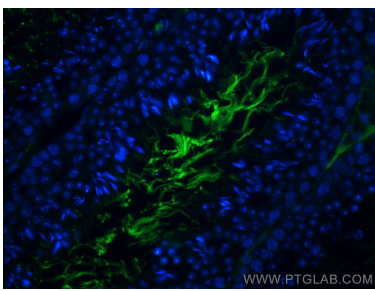
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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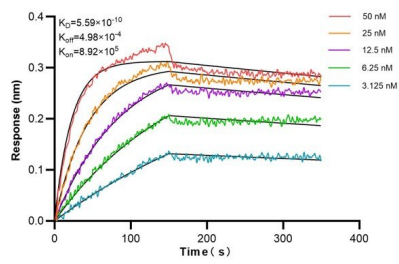
Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 67261-1-Ig (LAMC3-Specific antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using LAMC3-Specific antibody (67261-1-Ig, Clone: 4B8C5 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Biolayer interferometry (BLI) kinetic assays of 67261-1-PBS against Human GRP78/BIP were performed. The affinity constant is 0.559 nM.