

For Research Use Only

# SLC36A3 Monoclonal antibody

Catalog Number: 67929-1-Ig



## Basic Information

<b>Catalog Number:</b> 67929-1-Ig	<b>GenBank Accession Number:</b> BC101092	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 285641	<b>CloneNo.:</b> 1A8E6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q495N2	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:500-1:2000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> solute carrier family 36 (proton/amino acid symporter), member 3	
<b>Immunogen Catalog Number:</b> AG16556	<b>Calculated MW:</b> 511 aa, 56 kDa	
	<b>Observed MW:</b> 51 kDa	

## Applications

### Tested Applications:

WB, IF, IHC, ELISA

### Species Specificity:

Human, Mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : unboiled mouse testis tissue, COLO 320 cells

IHC : mouse testis tissue,

IF : mouse testis tissue,

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

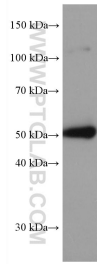
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

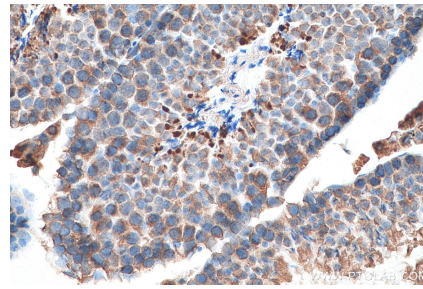
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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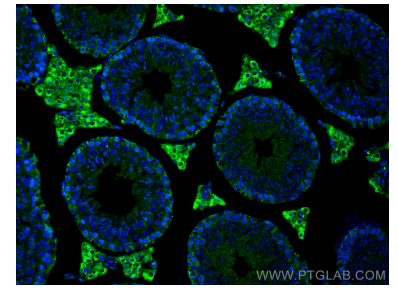
## Selected Validation Data



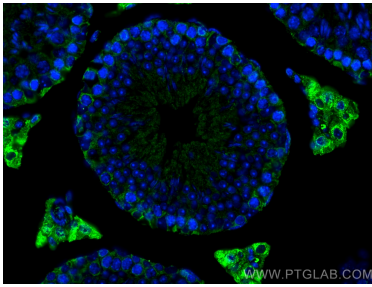
unboiled mouse testis tissue were subjected to SDS PAGE followed by western blot with 67929-1-Ig (SLC36A3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67929-1-Ig (SLC36A3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using SLC36A3 antibody (67929-1-Ig, Clone: 1A8E6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using SLC36A3 antibody (67929-1-Ig, Clone: 1A8E6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).