

For Research Use Only

# ABCA7 Monoclonal antibody

Catalog Number: 67128-1-Ig



## Basic Information

<b>Catalog Number:</b> 67128-1-Ig	<b>GenBank Accession Number:</b> NM_019112	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 2500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10347	<b>CloneNo.:</b> 2E1A10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8IZY2	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:50-1:500 IF-P 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> ATP-binding cassette, sub-family A (ABC1), member 7	
<b>Immunogen Catalog Number:</b> AG27499	<b>Calculated MW:</b> 234 kDa	
	<b>Observed MW:</b> 250 kDa	

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Species Specificity:

human, mouse, rat, pig

**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 :** 37°C incubated rat brain tissue, Jurkat cells,  
mouse brain tissue, pig brain tissue, pig thymus tissue,  
unboiled mouse brain tissue, unboiled rat brain tissue

**IHC :** human thymus tissue,

**IF-P :** human tonsillitis tissue,

## 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

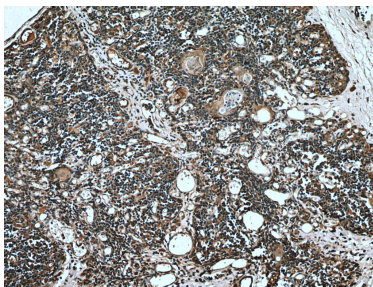
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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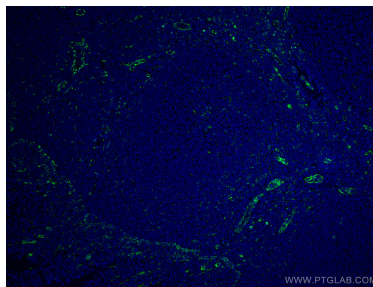
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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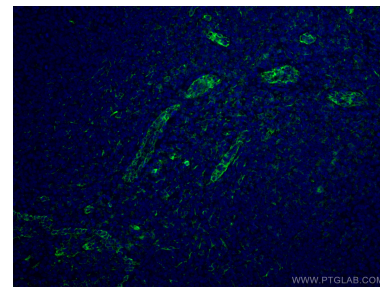
## Selected Validation Data



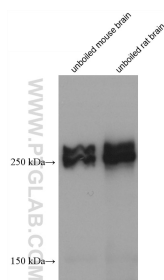
Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 67128-1-Ig (ABCA7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using ABCA7 antibody (67128-1-Ig, Clone: 2E1A10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using ABCA7 antibody (67128-1-Ig, Clone: 2E1A10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 67128-1-Ig (ABCA7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.