

For Research Use Only

# ABCA7 Monoclonal antibody

Catalog Number: 67128-1-Ig



## Basic Information

Catalog Number: 67128-1-Ig	GenBank Accession Number: NM_019112	Purification Method: Protein G purification
Concentration: 1000 ug/ml	GeneID (NCBI): 10347	CloneNo.: 2E1A10
Source: Mouse	UNIPROT ID: Q8IZY2	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:50-1:500 IF-P 1:200-1:800
Isotype: IgG1	Full Name: ATP-binding cassette, sub-family A (ABC1), member 7	
Immunogen Catalog Number: AG27499	Calculated MW: 234 kDa Observed MW: 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,

## Background Information

### 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

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

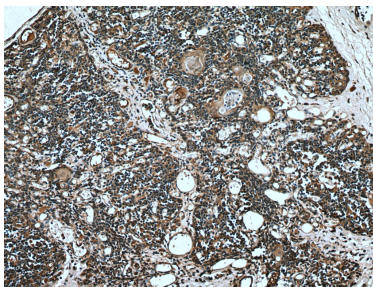
T: 4006900926

E: Proteintech-CN@ptglab.com

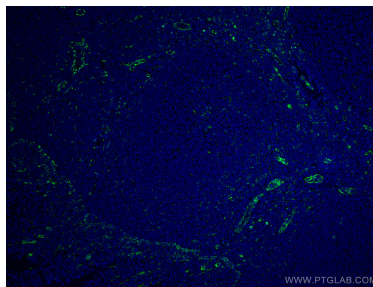
W: ptgcn.com

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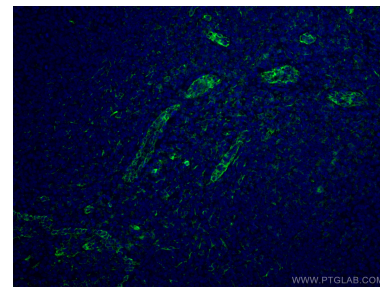
## Selected Validation Data



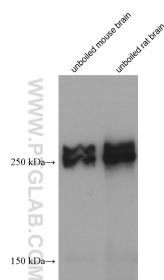
Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 67128-1-Ig (ABCA7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.