

For Research Use Only

# CD8a Polyclonal antibody

Catalog Number: 17335-1-AP

9 Publications



## Basic Information

<b>Catalog Number:</b> 17335-1-AP	<b>GenBank Accession Number:</b> BC025715	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 187 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 925	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> CD8a molecule	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 235 aa, 26 kDa	
<b>Immunogen Catalog Number:</b> AG11370		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human tonsillitis tissue,
<b>Cited Applications:</b> IF, IHC	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

CD8a is the alpha chain of CD8, a transmembrane glycoprotein that is predominantly expressed on the surface of cytotoxic T cells, and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 serves as a co-receptor for the T cell receptor (TCR). Both CD8 and TCR recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. CD8 plays a role in T cell development and activation of mature T cells.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dong Liu	30374827	Viol Sin	IHC
Qiong Wang	32039020	Front Oncol	IHC
Yaolin Xu	30854074	Oncol Lett	IF

## Storage

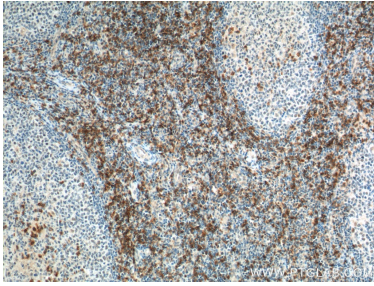
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

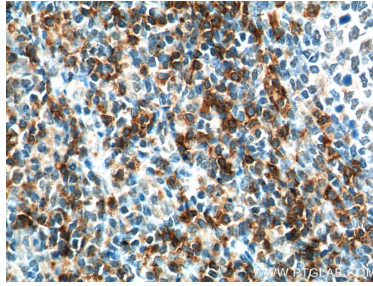
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17335-1-AP (CD8A Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17335-1-AP (CD8A Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).