

# CD8a Polyclonal antibody

Catalog Number: 17335-1-AP

10 Publications

## Basic Information

## Catalog Number:

17335-1-AP

## Size:

190 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG11370

## GenBank Accession Number:

BC025715

## GeneID (NCBI):

925

## ENSEMBL Gene ID:

ENSG00000153563

## UNIPROT ID:

P01732

## Full Name:

CD8a molecule

## Calculated MW:

235 aa, 26 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

IHC 1:50-1:500

## Applications

## Tested Applications:

IHC, ELISA

## Cited Applications:

IF, IHC

## Species Specificity:

human

## Cited Species:

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:

IHC : human tonsillitis tissue,

## 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

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

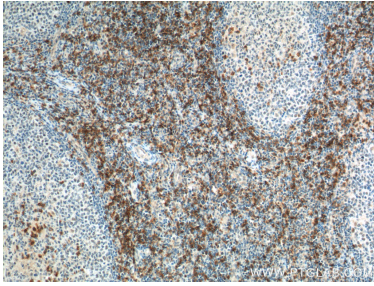
T: 4006900926

E: Proteintech-CN@ptglab.com

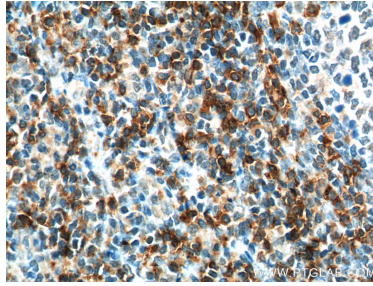
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## Selected Validation Data



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).