

For Research Use Only

# CD8 Polyclonal antibody

Catalog Number: 21256-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 21256-1-AP	<b>GenBank Accession Number:</b> BC100913	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 µg/ml	<b>GeneID (NCBI):</b> 926	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10966	
<b>Isotype:</b> IgG	<b>Full Name:</b> CD8b molecule	
<b>Immunogen Catalog Number:</b> AG15805	<b>Calculated MW:</b> 243 aa, 27 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

**Cited Species:**  
human

## Background Information

CD8b is the beta 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
Changjiang Lei	30881491	Oncol Lett	

## 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      W: ptgcn.com

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## Selected Validation Data