

For Research Use Only

# CD8b Recombinant antibody

Catalog Number: 86024-1-RR



## Basic Information

<b>Catalog Number:</b> 86024-1-RR	<b>GenBank Accession Number:</b> NM_009858.2	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 12526	<b>CloneNo.:</b> 250480F2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10300	<b>Recommended Dilutions:</b> WB: 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> CD8 antigen, beta chain 1	
<b>Immunogen Catalog Number:</b> EG4275	<b>Calculated MW:</b> 24 kDa	
	<b>Observed MW:</b> 26-30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse thymus tissue, mouse spleen tissue
<b>Species Specificity:</b> mouse	

## Background Information

CD8b (T-cell surface glycoprotein CD8 beta chain) is an integral membrane glycoprotein that forms disulfide-linked heterodimers with CD8a (CD8 alpha chain). The CD8 alpha/beta heterodimer is the predominant CD8 complex expressed on the cell surface (PMID: 1534146; 2111591). CD8 is a transmembrane glycoprotein predominantly expressed on 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.

## 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:

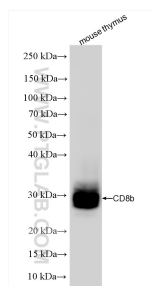
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Mouse thymus tissue was subjected to SDS PAGE followed by western blot with 86024-1-RR (CD8 beta antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.