

For Research Use Only

# CD8b Recombinant antibody

Catalog Number: 86024-1-RR



## Basic Information

Catalog Number:	86024-1-RR	GenBank Accession Number:	NM_009858.2	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	12526	CloneNo.:	250480F2
Source:	Rabbit	UNIPROT ID:	P10300	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	CD8 antigen, beta chain 1		
Immunogen Catalog Number:	EG4275	Calculated MW:	24 kDa		
		Observed MW:	26-30 kDa		

## Applications

Tested Applications:	Positive Controls:
WB, ELISA	WB: mouse thymus tissue, mouse spleen tissue
Species Specificity:	
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

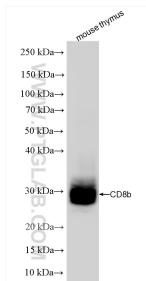
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 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)      E: proteintech@ptglab.com  
W: ptglab.com

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## 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.