

For Research Use Only

CD8a Recombinant antibody

Catalog Number: 86119-1-RR



Basic Information

Catalog Number:	86119-1-RR	GenBank Accession Number:	NM_031538.2	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	24930	CloneNo.:	250721F4
Source:	Rabbit	UNIPROT ID:	P07725	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	CD8a molecule		
Immunogen Catalog Number:	EG3839	Calculated MW:	26 kDa		
		Observed MW:	30 kDa		

Applications

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

Background Information

CD8 is a transmembrane glycoprotein composed of two disulfide-linked chains. It can be present as a homodimer of CD8 α or as a heterodimer of CD8 α and CD8 β (PMID: 3264320; 8253791). CD8 is found on most thymocytes. The majority of class I-restricted T cells express mostly the CD8 $\alpha\beta$ heterodimer while CD8 $\alpha\alpha$ homodimers alone have been found on some gut intraepithelial T cells, on some T cell receptor (TCR) $\gamma\delta$ T cells and on NK cells (PMID: 2111591; 1831127; 8420975). CD8 acts as a co-receptor that binds to MHC class-I and participates in cytotoxic T cell activation (PMID: 8499079). During T cell development, CD8 is required for positive selection of CD4-/CD8+ T cells (PMID: 1968084).

Storage

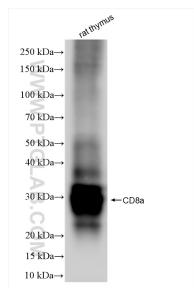
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with 86119-1-RR (CD8a antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.