

For Research Use Only

Rat CD8a Recombinant antibody, PBS Only

Catalog Number: 86119-1-PBS



Basic Information

Catalog Number:	86119-1-PBS	GenBank Accession Number:	NM_031538.2	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GenID (NCBI):	24930	CloneNo.:	250721F4
Source:	Rabbit	UNIPROT ID:	P07725		
Isotype:	IgG	Full Name:	CD8a molecule		
Immunogen Catalog Number:	EG3839	Calculated MW:	26 kDa		
		Observed MW:	30 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

rat

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 α β heterodimer while CD8 α α homodimers alone have been found on some gut intraepithelial T cells, on some T cell receptor (TCR) γ δ 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

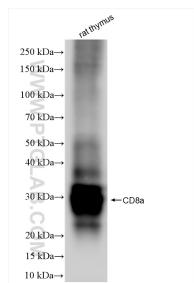
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 86119-1-PBS in a different storage buffer formulation.