

For Research Use Only

Mouse CD8a Recombinant antibody, PBS Only

Catalog Number: 85977-3-PBS



Basic Information

Catalog Number: 85977-3-PBS	GenBank Accession Number: NM_001081110.2	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 12525	CloneNo.: 242879G4
Source: Rabbit	UNIPROT ID: P01731	
Isotype: IgG	Full Name: CD8 antigen, alpha chain	
Immunogen Catalog Number: EG3265	Calculated MW: 27 kDa	
	Observed MW: 32-35 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse

Background Information

CD8 is 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 is composed of two disulfide-linked chains and can be present as a homodimer of CD8 α or as a heterodimer of CD8 α and CD8 β (PMID: 3264320; 8253791). 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:

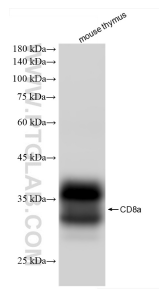
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 85977-3-RR (CD8A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85977-3-PBS in a different storage buffer formulation.