

For Research Use Only

Anti-Human CD8 (UCHT4) Rabbit Recombinant Antibody



Catalog Number: 65510-1-RR

Basic Information

Catalog Number:	65510-1-RR	GenBank Accession Number:	BC025715	Purification Method:	Affinity purification
Size:	100ug , 0.5 mg/mL	GeneID (NCBI):	925	CloneNo.:	UCHT4
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000153563		
Isotype:	IgG	UNIPROT ID:	P01732		
		Full Name:	CD8a molecule		
		Calculated MW:	235 aa, 26 kDa		

Applications

Tested Applications:
FC

Species Specificity:
Human

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

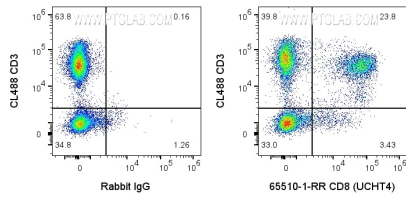
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

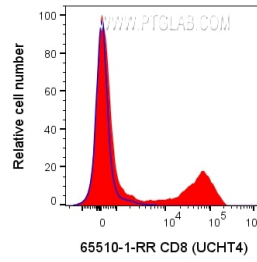
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.1 ug Anti-Human CD8 Rabbit Recombinant Antibody (65510-1-RR, Clone:UCHT4) or Rabbit IgG control Rabbit PolyAb and CoraLite®647-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000. Cells were then stained with CL488 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.



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