

For Research Use Only

FcZero-rAb™ CoraLite® Plus 405 Anti-Human CD8 (SK1) Rabbit IgG Recombinant Antibody

Catalog Number: CL405-FcA65630



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-FcA65630	BC025715	Protein A purification
Concentration:	GenID (NCBI):	CloneNo.:
100 tests, 5 µl/test	925	SK1
Source:	ENSEMBL Gene ID:	Recommended Dilutions:
Rabbit	ENSG00000153563	FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype:	UNIPROT ID:	Excitation/Emission maxima wavelengths:
IgG	P01732	399 nm / 422 nm
	Full Name:	
	CD8a molecule	
	Calculated MW:	
	235 aa, 26 kDa	

Applications

Tested Applications:	Positive Controls:
FC	FC : human PBMCs,
Species Specificity:	
human, monkey, non-human primates	

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

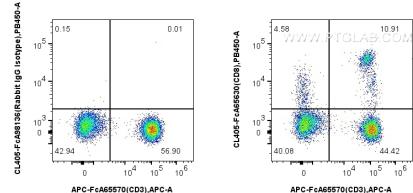
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD3 (UCHT1), and 5 μ l Coralite® Plus 405 Anti-Human CD8 (SK1) or Rabbit IgG RecAb (CL405-FcA65630, Clone: SK1) or Coralite® Plus 405 Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9). Cells were not fixed.