For Research Use Only

## CoraLite® Plus 405 Anti-Human CD8 proteintech® (SK1)

## Catalog Number:CL405-65146

Basic Information	Catalog Number: CL405-65146	GenBank Accession Number: BC025715	Purification Method: Affinity purification
	Size: 100tests, 5 µl/test	GenelD (NCBI): 925	CloneNo.: SK1
	Mouse ENSG0000153563 wavel	Excitation/Emission maxima wavelengths:	
			399 nm / 422 nm
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 $\alpha$ or as a heterodimer of CD8 $\alpha$ and CD8 $\beta$ (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. Avoid exposure to light. Stable for one year after shipment. Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA.		

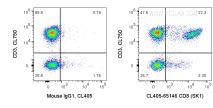
For technical support and original validation data for this product please contact: E: Proteintech-CN@ptglab.com T: 4006900926 W: ptgcn.com

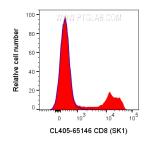
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Antibodies | ELISA kits | Proteins

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## Selected Validation Data





1X10<sup>6</sup> human PBMCs were surface co-stained with CL750 Anti-Human CD3 and 5 ul CoraLite® Plus 405 Anti-Human CD8 (CL405-65146, Clone:SK1), or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.

1X10^6 human PBMCs were surface stained with 5 ul Coralite® Plus 405 Anti-Human CD8 (CL405-65146, Clone:SK1), or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.