CoraLite® Plus 647 Anti-Human CD8b Rabbit Recombinant Antibody

Catalog Number: CL647-98103

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number: CL647-98103	**GenBank Accession Number:** BC100913	**Purification Method:** Protein A purification
Concentration: 100tests, 5 ul/test	**GeneID (NCBI):** 926	**CloneNo.:** 241326A7
Source: Rabbit	**UNIPROT ID:** P10966	**Excitation/Emission maxima wavelengths:** 654 nm / 674 nm
Isotype: IgG	**Full Name:** CD8b molecule	
	Calculated MW: 243 aa, 27 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD8b (T-cell surface glycoprotein CD8 beta chain) is an integral membrane glycoprotein that forms disulfide-linked heterodimers with CD8a (CD8 alpha chain). The CD8 alpha/beta heterodimer is the predominant CD8 complex expressed on the cell surface (PMID: 1534146; 2111591). CD8 is a transmembrane glycoprotein predominantly expressed on the surface of cytotoxic T cells and can also be found on natural killer cells, cortical thymocytes, and dendritic cells. CD8 serves as a co-receptor for the T cell receptor (TCR). Both CD8 and TCR recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. CD8 plays a role in T cell development and activation of mature T cells.
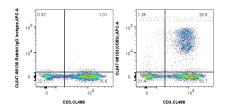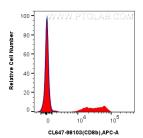
Storage

Storage:
Store at 2-8℃. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA

Selected Validation Data

1x10^6 human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD3 and 5 ul CoraLite® Plus 647 Anti-Human CD8b Rabbit RecAb (CL647-98103, Clone:241326A7), or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9). Cells were not fixed.

1x10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD8b Rabbit RecAb (CL647-98103, Clone:241326A7)(red), or CoraLite® Plus 647 Rabbit IgG Isotype Control RecAb (CL647-98136, Clone: 240953C9)(blue). Cells were not fixed.