

For Research Use Only

# FITC Plus Anti-Human CD8b Rabbit Recombinant Antibody

Catalog Number: FITC-98103



## Basic Information

Catalog Number:

FITC-98103

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC100913

GeneID (NCBI):

926

UNIPROT ID:

P10966

Full Name:

CD8b molecule

Calculated MW:

243 aa, 27 kDa

Purification Method:

Protein A purification

CloneNo.:

241326A7

Excitation/Emission maxima wavelengths:

495 nm / 524 nm

## 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°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA

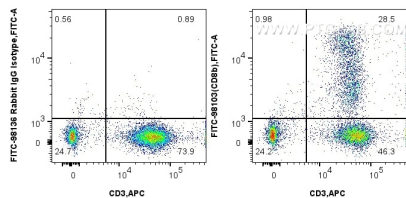
For technical support and original validation data for this product please contact:

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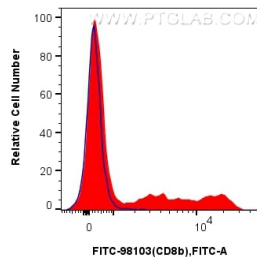
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with APC Anti-Human CD3 and 5 ul FITC Plus Anti-Human CD8b Rabbit RecAb (FITC-98103, Clone:241326A7), and 5 ul FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul FITC Plus Anti-Human CD8b Rabbit RecAb (FITC-98103, Clone:241326A7)(red), and 5 ul FITC Plus Rabbit IgG Isotype Control RecAb (FITC-98136, Clone: 240953C9)(blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).