

For Research Use Only

PerCP-Cyanine5.5 Anti-Human CD8b Rabbit Recombinant Antibody

Catalog Number: CPY5-98103



Basic Information

Catalog Number:

CPY5-98103

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:

482 nm / 690nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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, pH7.3

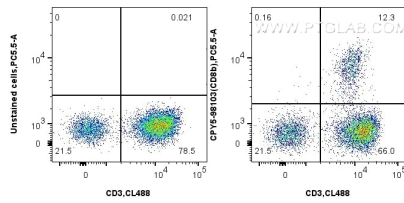
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

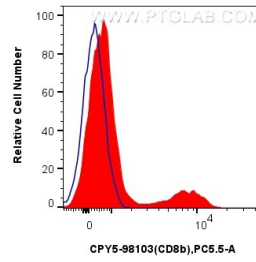
E: proteintech@ptglab.com
W: ptglab.com

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 5 ul CoraLite® Plus 488 Anti-Human CD3 (UCHT1) Mouse IgG2a Recombinant Antibody (CL488-65570, Clone: UCHT1), and 5 ul PerCP-Cyanine5.5 Anti-Human CD8b Rabbit RecAb (CPY5-98103, Clone: 241326A7) or unstained. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human CD8b Rabbit RecAb (CPY5-98103, Clone: 241326A7) (red) or unstained (blue). Cells were not fixed.