

For Research Use Only

Anti-Human CD8b Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98103-1-PBS



Basic Information

Catalog Number:

98103-1-PBS

Size:

1mg, 2 mg/ml

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

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

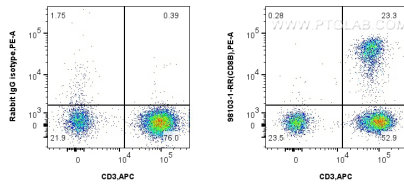
T: 4006900926

E: Proteintech-CN@ptglab.com

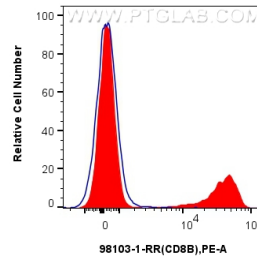
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD8b Rabbit Recombinant Antibody (98103-1-RR, Clone: 241326A7) or Isotype Control, and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Human CD3. Cells were not fixed. This data was developed using the same antibody clone with 98103-1-PBS in a different storage buffer formulation.



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD8b Rabbit Recombinant Antibody (98103-1-RR, Clone: 241326A7)(red), or Isotype Control (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98103-1-PBS in a different storage buffer formulation.