

Manufacturer/Supplier:

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Product name: Anti-Mouse CD8a Monoclonal
Antibody(PE/Cyanine7 Conjugated)

Catalog: DL21255F

Synonyms: T-cell surface glycoprotein CD8 alpha
chain, CD8A, T-lymphocyte differentiation antigen
T8/Leu-2, MAL

Background: CD8, also known as Lyt-2, Ly-2, or T8, consists of disulfide-linked α and β chains that form the α (CD8a)/ β (CD8b) heterodimer and α/α homodimer. CD8a is a 34 kD protein that belongs to the immunoglobulin family. The CD8 α/β heterodimer is expressed on the surface of most thymocytes and a subset of mature TCR α/β T cells. CD8 expression on mature T cells is non-overlapping with CD4. The CD8 α/α homodimer is expressed on a subset of γ/δ

TCR-bearing T cells, NK cells, intestinal intraepithelial lymphocytes, and lymphoid dendritic cells. CD8 is an antigen co-receptor on T cells that interacts with MHC class I on antigen-presenting cells or epithelial cells. CD8 promotes T cell activation through its association with the TCR complex and protein tyrosine kinase lck.

Form: Liquid

Isotype: Rat IgG2a, κ

Size:

50Tests/100Tests/100Tests \times 2

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: PE/Cyanine7

SwissProt: P01731

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

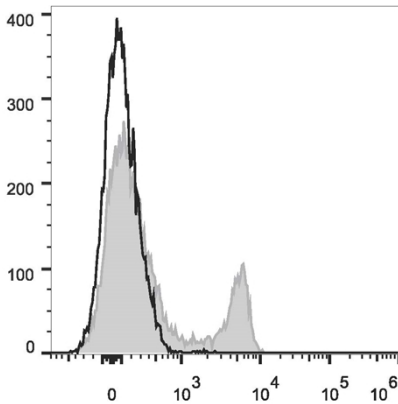
Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per

100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD8a Monoclonal Antibody(PE/Cyanine7 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.