

A Reliable Research Partner in Life Science and Medicine

PerCP/Cyanine5.5 Anti-Mouse CD8b.2 Antibody[53-5.8]

Catalog Number: AN00564J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse Rat Host

Isotype Rat IgG1, ĸ Clone No. 53-5.8

PerCP/Cyanine5.5 Rat IgG1, κ Isotype Control[HRPN] [Product E-AB-F09822J] Isotype Control

PerCP/Cyanine 5.5 Conjugation

Conjugation Information PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

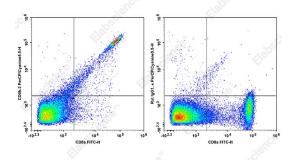
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse CD8a Antibody and PerCP/Cyanine5.5 Anti-Mouse CD8b.2 Antibody[53-5.8] (left) or PE/Cyanine7 Rat IgG1, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names Lyt-3.2;Ly-3.2 **Uniprot ID** P10300 Gene ID 12526

For Research Use Only

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Rev. V1.5

Elabscience Bionovation Inc.



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Background

CD8b is the 32 kD β chain of CD8, also known as Lyt-3.2 or Ly-3.2. It is a member of the lg superfamily expressed as a heterodimer with the CD8 α chain on a subset of MHC class I-restricted T cells and most thymocytes. CD8 is a co-receptor for the TCR complex involved in T cell activation. The antibody 53-5.8 is specific for Ly-3.2 and has low reactivity with Ly-3.1.

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