

PE/Cyanine 5 Anti-Rat CD8b Antibody[341]

Catalog Number: AN00667G

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

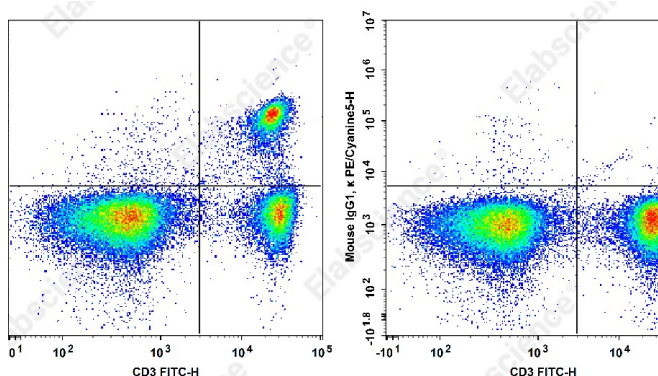
Description

Reactivity	Rat
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	341
Isotype Control	PE/Cyanine5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792G]
Conjugation	PE/Cyanine 5
Conjugation Information	PE/Cyanine 5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

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 Rat splenocytes cells with FITC Anti-Rat CD3 Antibody and PE/Cyanine 5 Anti-Rat CD8b Antibody[341] (left) or PE/Cyanine 5 Mouse 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 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CD8;Lyt3
Uniprot ID	P05541
Gene ID	24931

For Research Use Only

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Rev. V1.2

Background

CD8b antigen is also known as T8, Lyt2, Ly-2, and CD8 β . It is a member of the immunoglobulin superfamily expressed on most thymocytes, some mature T cell subsets, and macrophages. CD8b forms heterodimers with the CD8 α chain (CD8a). CD8 is an antigen co-receptor on T cells that interacts with MHC class I on antigen-presenting cells or epithelial cells. CD8 participates in T cell activation through its association with the T cell receptor complex and protein tyrosine kinase lck (p56lck).