PE Anti-Mouse CD8 Antibody[S18018E]

Catalog Number: AN00932D

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

Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, λ
Clone No.	S18018E
Isotype Control	PE Rat IgG2b, λ Isotype Control[G013B8] [Product AN00565D]
Conjugation	PE
Conjugation Information	PE 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 575 nm (e.g., a 585/42 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.

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	T-cell surface glycoprotein Lyt;T-lymphocyte differentiation antigen T8/Leu;Lyt;Ly-2;Ly-B; Ly-35;Lyt-2;BB154331;CD antigen CD8a;MAL;T-cell surface glycoprotein CD8 alpha chain;T-cell surface glycoprotein Lyt-2;T-lymphocyte differentiation antigen T8/Leu-2; Lyt2;Cd8a;T8;Lyt-2;Ly-2;CD8
Uniprot ID	P01731
Gene ID	12525
Background	CD8, also known as Ly-2, is a heterodimeric glycoprotein consisting of an alpha and beta chain. It is expressed on cytolytic T cells and functions in conjunction with the T cell receptor in the recognition of MHC/peptide complexes. Mouse CD8 (containing an alpha /Ly-2 or alpha ′/Lyt-2 chain) is an antigen co-receptor on the T cell surface which interacts with MHC I molecules on antigen presenting cells.

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