

PE/Cyanine 5 Anti-Human/Monkey CD3ε Antibody[SP34]

Catalog Number: AN00741G

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

Description

Reactivity	Human;Rhesus
Host	Mouse
Isotype	Mouse IgG3, λ
Clone No.	SP34
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.

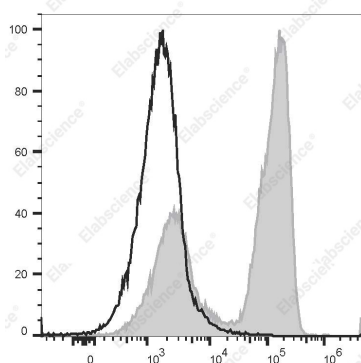
Applications

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 normal human peripheral blood cells with PE/Cyanine 5 Anti-Human/Monkey CD3ε Antibody[SP34] (filled gray histogram) or PE/Cyanine 5 Mouse IgG3, λ Isotype Control (empty black histogram). Cells in the lymphocytes gate 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	IMD;CD3E;IMD18;T3E;TCRE;CD3e molecule;CD3 epsilon;T-cell surface glycoprotein CD3 epsilon chain;T-cell surface antigen T3/Leu-4 epsilon chain;T3;CD_antigen: CD3e;epsilon
Uniprot ID	P07766

For Research Use Only

Gene ID

923

Background

CD3 epsilon is one of at least four invariant proteins that associate with the variable antigen recognition chains of the T cell receptor and function in signal transduction.