

PE/Cyanine 5 Anti-Human TCR Vβ7.1 Antibody[ZOE5.1]

Catalog Number: AN00370G

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

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	ZOE5.1
Isotype Control	PE/Cyanine5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802G]
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.

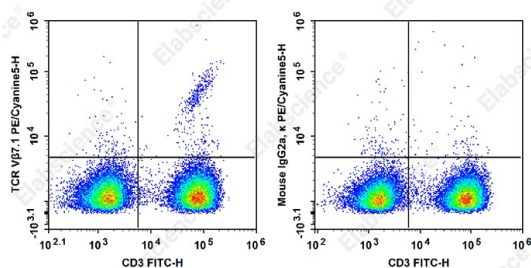
Applications

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 FITC Anti-Human CD3 Antibody[OKT-3] and PE/Cyanine 5 Anti-Human TCR Vβ7.1 Antibody[ZOE5.1] (left) or PE/Cyanine 5 Mouse IgG2a, κ Isotype Control (right). 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	TCR Vb7.1;TCR V beta 7.1;TCRBV7S1;ZOE
Uniprot ID	0

For Research Use Only

Background

The V β 7.1 TCR is a variant of the TCR β chain. It belongs to the Ig superfamily and is expressed by a subset of peripheral blood T cells and some T cell clones.