

PE anti-human TCR V62

Catalog # / Size: 2257035 / 25 tests
2257040 / 100 tests

Clone: B6

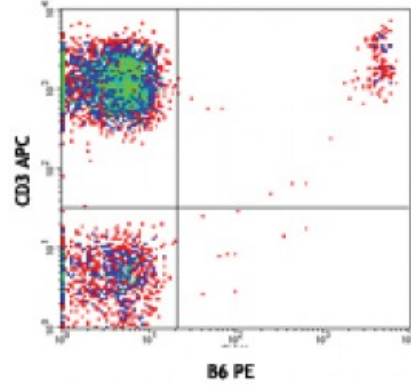
Isotype: Mouse IgG1, κ

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific



Human peripheral blood lymphocytes stained with CD3 (UCHT1) APC and B6 PE

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. **Test size products are transitioning from 20 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Rojas RE, *et al.* 2005. *J. Infect. Dis.* 192:1806.
2. Correia DV, *et al.* 2011. *Blood* 118:992. (FC) [PubMed](#)

Description: The V62 TCR is a variant of the TCR δ chain expressed on a subset of γ/δ T cells. V γ 9V62 T lymphocytes, a major γ/δ T cell subset in humans, recognize phosphoantigens, certain tumor cells, and cells treated with aminobisphosphonates. This cell population displays cytolytic activity against various tumor cells. The γ/δ TCR is an heterodimeric TCR complex composed of covalently bound γ and δ chains involved in antigen recognition and the non-covalently associated monomeric proteins CD3 δ , γ , ϵ , and ζ chains.

Antigen References: 1. Scotet E, *et al.* 2005. *Immunity* 22:71.
2. Rincon-Orozco B, *et al.* 2005. *J. Immunol.* 175:2144.