

PE/Cyanine7 anti-human TCR α/β

Catalog # / 2133595 / 25 tests
Size: 2133600 / 100 tests

Clone: IP26

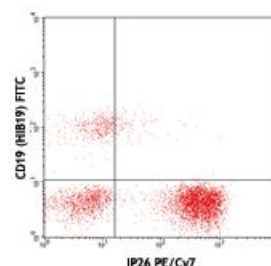
Isotype: Mouse IgG1, κ

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions.

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

Concentration: Lot-specific



Human peripheral blood lymphocytes stained with CD19 (HIB19) FITC and IP26 PE/Cy7 (top) or mouse IgG1, κ PE/Cy7 isotype control (bottom)

Applications:

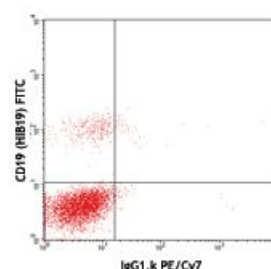
Applications: Flow Cytometry

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 μ l to 5 μ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 μ l staining volume or per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: T cell activation. When co-staining with anti-CD3, we recommend using clone UCHT1, since we have confirmed that IP26 does not compete with this clone. Other anti-CD3 clones may compete out the binding of IP26.

Application References:

- Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York. (FC)
- Joseph A, *et al.* 2008. *J. Virol.* 82:3078. (FC) [PubMed](#)
- Pinto JP, *et al.* 2010. *Immunology.* 130:217. [PubMed](#)



Description: The IP26 antibody reacts with a monomorphic determinant of the α/β T-cell receptor, which is expressed on greater than 95% of normal peripheral blood CD3⁺ T cells. The α/β TCR recognizes a peptide bound to MHC leading to T-cell activation.

Antigen 1. Marchalonis J, et al. 2002. *J. Mol. Recognit.* 15:260.
References: