

Product Data Sheet

PE anti-human α/β T Cell Receptor

Catalog # / Size: 306707 / 25 tests
306708 / 100 tests

Clone: IP26

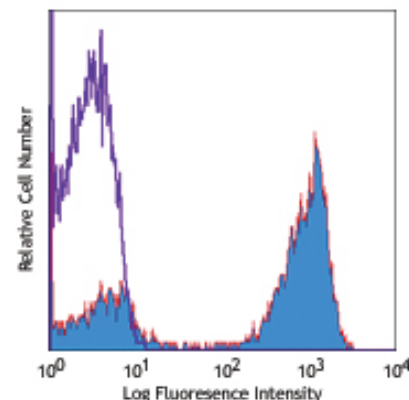
Isotype: Mouse IgG1, κ

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).

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



Human peripheral blood lymphocytes stained with IP26 PE

Applications:

Applications: FC - Quality tested

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. Read more at www.biolegend.com/testsize regarding the test size change.

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: 1. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York. (FC)
2. Joseph A, *et al.* 2008. *J. Virol.* 82:3078. (FC) 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 References: 1. Marchalonis J, *et al.* 2002. *J. Mol. Recognit.* 15:260.

Related Products:

Product
PE anti-human CD3
PE anti-human CD3
PE Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
PE anti-human TCR γ/δ
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
HIT3a
UCHT1
MOPC-21

11F2

Application
FC
FC
FC, ICFC
FC, ICC, ICFC
FC, ICFC
FC
FC, ICC, ICFC



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