

PE anti-human CD25

Catalog # / Size: 302605 / 25 tests
302606 / 100 tests

Clone: BC96

Isotype: Mouse IgG1, κ

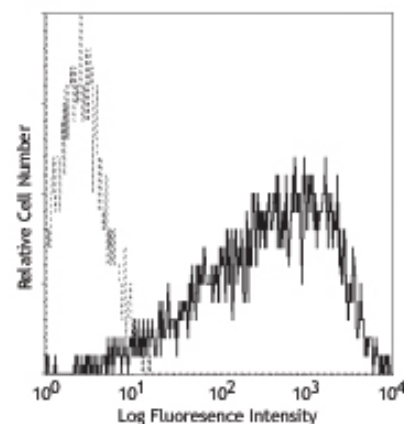
Workshop Number: V T-072

Reactivity: Human, **Cross-Reactivity:** Baboon, Chimpanzee, Cynomolgus, Rhesus, Pigtailed Macaque

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 CD25 antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. **Do not freeze.**



PHA-stimulated (3 day) human peripheral blood lymphocytes were stained with CD25 (clone BC96) PE (solid line) or mouse IgG1, κ PE isotype control (dotted line).

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 References:

- Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
- Kmieciak M, *et al.* 2009. *J. Transl. Med.* 7:89. (FC) PubMed
- Zhang WC, *et al.* 2012. *J Biol Chem.* 287:34157. PubMed.
- Chen YL, *et al.* 2012. *PLoS One.* 7:e47190. PubMed.

Description: CD25 is a 55 kD type I transmembrane glycoprotein also known as the low affinity IL-2 receptor α chain or Tac. It is expressed on progenitor lymphocytes, activated T and B cells, and activated monocytes/macrophages. CD25 is also expressed on a subset of non-stimulated CD4⁺ T cells termed T regulatory cells. CD25 associates with the IL-2 receptor β (CD122) and common γ chains (CD132) to form the high affinity IL-2R complex.

Antigen References:

- Taniguchi T, *et al.* 1993. *Cell* 73:5.
- Waldmann T. 1991. *J. Biol. Chem.* 266:2681.

Related Products: Product

PE Mouse IgG1, κ Isotype Ctrl

Cell Staining Buffer

RBC Lysis Buffer (10X)

PE anti-human CD69

Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone

MOPC-21

FN50

Application

FC, ICFC

FC, ICC, ICFC

FC, ICFC

FC

FC, ICC, ICFC



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