

Product Data Sheet

APC/Cy7 anti-human CD25

Catalog # / Size: 302613 / 25 tests
302614 / 100 tests

Clone: BC96

Isotype: Mouse IgG1, κ

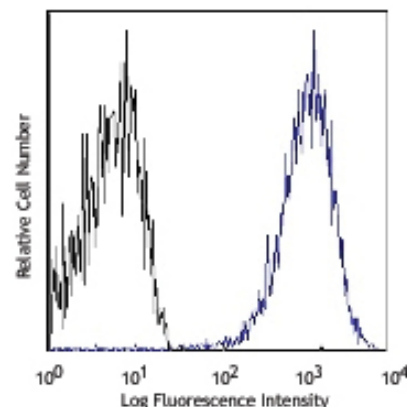
Workshop Number: V T-072

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

Preparation: The antibody was purified by affinity chromatography, and conjugated with APC/Cy7 under optimal conditions. The solution is free of unconjugated APC/Cy7 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.**



PHA-stimulated (3 day) human peripheral blood lymphocytes were stained with CD25 (clone BC96) APC/Cy7 (blue histogram) or mouse IgG1, κ APC/Cy7 isotype control (black histogram).

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.

Cy3, Cy5, Cy5.5 and Cy7 are subject to proprietary rights of GE Healthcare Bio-Sciences Corp. and Carnegie Mellon University and made and sold under license from GE Healthcare Bio-Sciences Corp. Sale of this product is licensed for research use only.

Application References: 1. Schlossman S, *et al.* Eds. 1995. Leucocyte Typing V. Oxford University Press. New York.
2. Kmiecik M, *et al.* 2009. *J. Transl. Med.* 7:89. (FC) 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: 1. Taniguchi T, *et al.* 1993. *Cell* 73:5.
2. Waldmann T. 1991. *J. Biol. Chem.* 266:2681.

Related Products:

Product
Cell Staining Buffer
RBC Lysis Buffer (10X)
APC/Cy7 anti-human CD69
APC/Cy7 Mouse IgG1, κ Isotype Ctrl
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone

FN50
MOPC-21

Application

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



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