

PerCP/Cy5.5 anti-human CD50 (ICAM-3)

Catalog # / Size: 330013 / 25 tests

Clone: CBR-IC3/1

Isotype: Mouse IgG1, κ

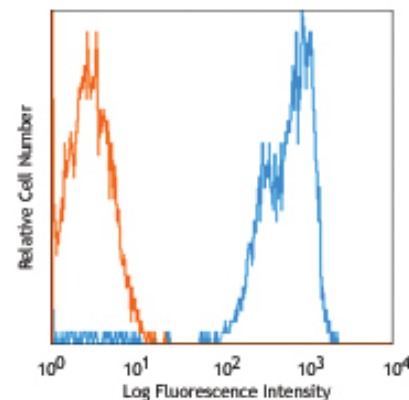
Immunogen: SKW3 cells

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with PerCP/Cy5.5 under optimal conditions. The solution is free of unconjugated PerCP/Cy5.5 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 CBR-IC3/1 PerCP/Cy5.5

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is 5 μ l per million cells or 5 μ l per 100 μ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

* PerCP/Cy5.5 has a maximum absorption of 482 nm and 564 nm and a maximum emission of 690 nm.

Application Notes: Additional reported applications include: immunoprecipitation (1), inhibit the interaction of ICAM-3 and LFA-1(1)
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. deFougerolles AR. and TA. Springer *et al.* 1992. *J. Exp. Med.* 175:185
Becton Dickinson and Co. ("BD") is the owner of European Patent No. EP 0 314 406 which still is in force in Germany (DE3883478) France Italy and the United Kingdom and Japanese Patent No. JP1888759. These patents cover any composition consisting of PerCP (peridinin-chlorophyll-protein-complex) attached to a member of a specific binding pair such as a PerCP-labeled antibody and the use thereof. PerCP-labeled antibodies are not available for sale in above mentioned countries. Please inquire regarding the expected availability date of such products.

Description: CD50 is a 120-140 kD type I membrane protein also known as intercellular adhesion molecule 3 (ICAM-3). It is broadly expressed on leukocytes, endothelial cells, and Langerhans cells. CD50 is a member of the Ig superfamily. It provides costimulatory signal for T cells and regulates cell adhesion through interaction with LFA-1 (CD11a/CD18, α_L/β_2) integrin.

Antigen References: 1. Valent P, *et al.* 2001. *Immunol. Rev.* 179:74.

Related Products:

Product
PerCP/Cy5.5 Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
MOPC-21

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



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