

Product Data Sheet

PE anti-human CD172g (SIRP γ)

Catalog # / Size: 336606 / 100 tests

Clone: LSB2.20

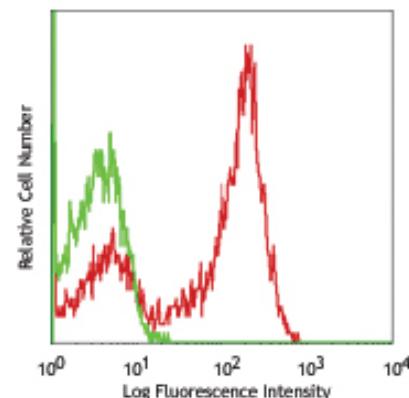
Isotype: Mouse IgG1, κ

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 LSB2.20 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 include: blocks T-cell transendothelial migration

Application References: 1. Stefanidakis M, *et al.* 2008. *Blood* 112:1280

Description: Signal Regulatory Proteins (SIRPs) comprise a family of several transmembrane glycoproteins (SIRP α , SIRP β , and SIRP γ) that belong to immunoglobulin superfamily. SIRP γ is also known as CD172g or SIRP β 2 which is primarily expressed on T cells and a subpopulation of B cells. Like CD172a, the ligand of CD172g is CD47. But the binding affinity with CD172g is lower than CD172a. The biological functions of CD172g include regulation of T-cell transendothelial migration and induction of T cell apoptosis.

Antigen References: 1. Zola H, *et al.* 2007. *Leukocyte and Stromal Cell Molecules: The CD Markers*
2. Brooke G, *et al.* 2004. *J. Immunol.* 173:2562

Related Products:

Product
PE 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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