

Product Data Sheet

PE anti-human CD63

Catalog # / Size: 312005 / 25 Tests
312006 / 100 Tests

Clone: MEM-259

Isotype: Mouse IgG1, κ

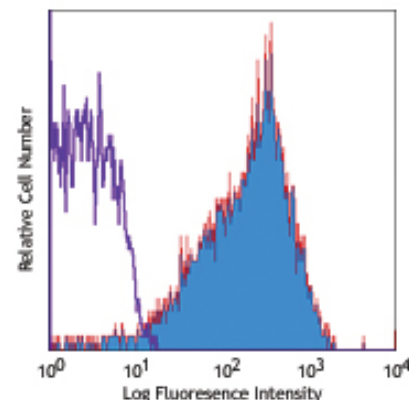
Immunogen: T cell line HPB-ALL

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.**



Thrombin-activated human peripheral blood platelets stained with MEM-259 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: immunoprecipitation, and Western blotting (non-reducing).

Application References:

1. Kishimoto T, *et al.* Eds. 1997. Leucocyte Typing VI. Garland Publishing Inc. London.
2. Wang X, *et al.* 2006. *Infect. Immun.* 74:1873. (FC)
3. Yoon SO, *et al.* 2010. *Am. J. Pathol.* 177:377. PubMed
4. Schmidt H, *et al.* 2009. *BMC Immunol.* 10:41. (WB)

Description: CD63 is a 53 kD type III lysosomal glycoprotein also known as LIMP, LAMP-3, gp55, and melanoma-associated antigen (ME491). CD63 is a member of the tetraspan transmembrane superfamily (TM4SF) protein expressed on activated platelets, monocytes/macrophages, endothelium, fibroblasts, osteoclasts and smooth muscle cells. CD63 may be involved in platelet activation and is thought to function as a transmembrane adaptor protein. CD63 has been shown to associate with CD9, CD81, VLA-3, and VLA-6.

Antigen References:

1. Azorsa DO, *et al.* 1991. *Blood* 78:280.
2. Kishimoto T, *et al.* Eds. 1997. Leucocyte Typing VI. Oxford University Press. New York.
3. Hildreth JEK, *et al.* 1991. *Blood* 77:121.

Related Products:

Product
PE anti-human CD62P (P-Selectin)
PE Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
Human TruStain FcX™ (Fc Receptor Blocking Solution)

Clone
AK4
MOPC-21

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



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