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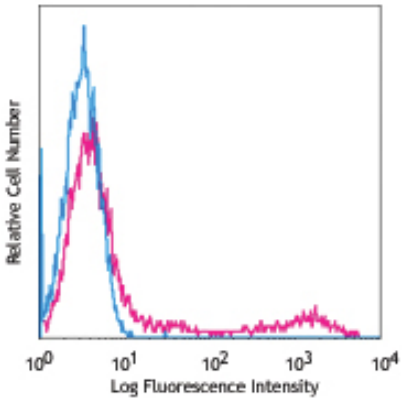
Product Data Sheet

FITC anti-human CD75

Catalog # / Size: 326906 / 100 tests
Clone: LN1
Isotype: Mouse IgM, κ
Immunogen: Human PBL nuclei
Reactivity: Human
Preparation: The antibody was conjugated with FITC under optimal conditions, and is at >85% purity. The solution is free of unconjugated FITC.
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 LN1 FITC

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 µl to 5 µl per test**. Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 µl staining volume or per 100 µl 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: immunohistochemical staining[1,2] of frozen sections and formalin-fixed paraffin-embedded sections, and Western blotting[3].
Application References:
1. Epstein AL, *et al.*1984. *J. Immunol.* 133:1028. (IHC)
2. Marder RJ, *et al.* 1985. *Lab. Invest.* 52:497. (IHC)
3. Kramer G, *et al.* 2004. *BJU Int.* 93:822. (WB)

Description: CD75 is a 43-85 kD type II transmembrane sialyltransferase protein, also known as beta-galactoside alpha-2,6-sialyltransferase. It is a member of glycosyltransferase family that transfers sialic acid from a donor substrate (CMP-sialic acid) to terminal galactose on glycan chains. CD75 is predominately expressed on germinal center originated B cells and lymphomas. It is also found on mature sIg^+ B cells and epithelial cells of lung, breast, kidney, and prostate.

Antigen References:
1. Epstein AL, *et al.* 1984. *J. Immunol.* 133:1028.
2. Kramer G, *et al.* 2004. *BJU Int.* 93:822.
3. Zola H, *et al.* 2007. Leukocyte and Stromal Cell Molecules:The CD Markers Wiley-Liss A John Wiley & Sons Inc, Publication

Related Products:

Product	Clone	Application
Cell Staining Buffer		FC, ICC, ICFC
FITC Mouse IgM, κ Isotype Ctrl	MM-30	FC, ICFC

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