

## FITC anti-human CD75

**Catalog # / Size:** 326906 / 100 tests

**Clone:** LN1

**Isotype:** Mouse IgM,  $\kappa$

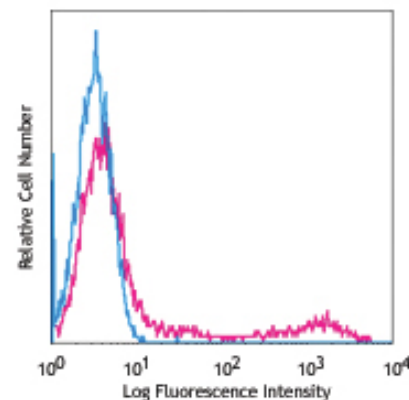
**Immunogen:** Human PBL nuclei

**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  $\mu$ l to 5  $\mu$ l per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100  $\mu$ l staining volume or per 100  $\mu$ 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](http://www.biolegend.com/testsize) regarding the test size change.

**Application Notes:** Additional reported applications (for the relevant formats) include: immunohistochemical staining<sup>1,2</sup> of frozen sections and formalin-fixed paraffin-embedded sections, and Western blotting<sup>3</sup>.

**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 slg<sup>+</sup> 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, $\kappa$ Isotype Ctrl	MM-30	FC, ICFC



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