

## PE anti-human CD82

**Catalog # / Size:** 342103 / 25 tests  
342104 / 100 tests

**Clone:** ASL-24

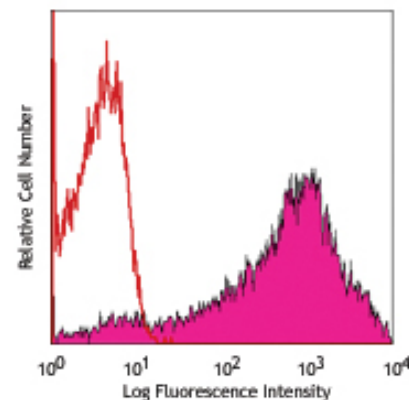
**Isotype:** Mouse IgG1,  $\kappa$

**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 ASL-24 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  $\mu$ 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.

**Description:** CD82 is a 45-90 kD type III tetraspan membrane protein which is encoded by the KA11 gene. A member of the 4-span transmembrane protein superfamily (TM4SF) CD82 forms a complex with CD37, CD53, CD81, ECM and MHC molecules. CD82 is expressed on monocytes, granulocytes, lymphocytes, epithelial cells, endothelial cells, and fibroblasts and plays a role in signal transduction and adhesion. It has been suggested CD82 functions as a tumor suppressor as loss of expression has been found to promote tumor metastasis.

**Antigen References:**

1. Miranti CK. 2009. *Cell. Signal.* 21:196
2. Abe M, et al. 2008. 266:163
3. Lee JH et al. 2004. *Cancer Res.* 64:4235
4. Lagaudriere-Gesbert C, et al. 1997. *J. Immunol.* 158:2790

Related Products:	Product	Clone	Application
	PE Mouse IgG1, $\kappa$ Isotype Ctrl	MOPC-21	FC, ICFC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	Human TruStain FcX™ (Fc Receptor Blocking Solution)		FC, ICC, ICFC



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