

## PE anti-human CD96 (TACTILE)

**Catalog # / Size:** 338405 / 25 tests  
338406 / 100 tests

**Clone:** NK92.39

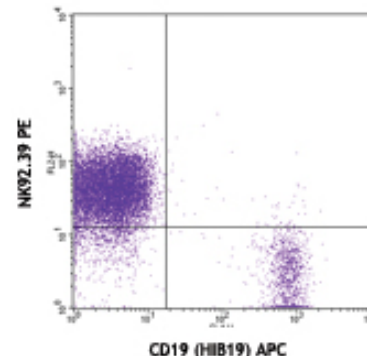
**Isotype:** Mouse IgG1,  $\kappa$

**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 CD19 (H1B19) APC and NK92.39 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.

**Application Notes:** Additional reported applications include: block interaction of CD96 with PVR

**Application References:** 1. Fuchs A, *et al.* 2004. *J. Immunol.* 172:3994

**Description:** CD96, known as Tactile (T cell-activated increased late expression), is a 160 kD type I transmembrane glycoprotein and is a member of the Ig superfamily molecules. It is expression on NK cells, T cells (up-regulated upon activation), and some acute myeloid leukemia (AML) cells, but not on normal B and myeloid cells. Soluble form of CD96 has been found in serum. CD96 is involved in T- and NK-cell adhesion through interaction with its ligand, CD155 (polio virus receptor).

**Antigen References:** 1. Zola H, *et al.* 2007. *Leukocyte and Stromal Cell Molecules: The CD Markers.* A John Wiley & Sons Inc, Publication  
2. Hosen N, *et al.* 2007. *Proc. Natl. Acad. Sci. USA* 104:11008  
3. Gong J, *et al.* 2008. *Clin. Exp. Immunol.*

### Related Products:

**Product**  
PE Mouse IgG1,  $\kappa$  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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