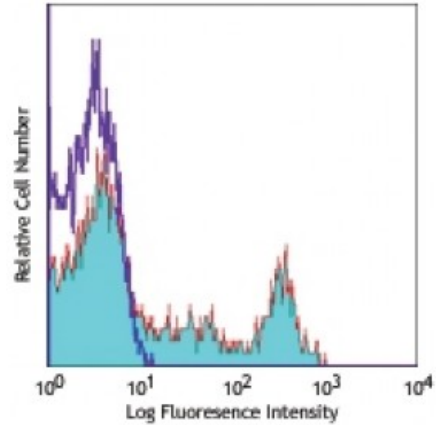


APC anti-human CD94

Catalog # / Size: 2127540 / 100 tests
Clone: DX22
Isotype: Mouse IgG1, κ
Immunogen: NK cell line
Reactivity: Human
Preparation: The antibody was purified by affinity chromatography, and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).
Concentration: Lot-specific



Human peripheral blood lymphocytes stained with DX22 APC

Applications:

Applications: Flow Cytometry

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 microL to 5 microL per test.** Please check your vial or your CoA to find the suggested use of this reagent per million cells in 100 microL staining volume or per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: immunoprecipitation⁴, inhibition of NK cell-mediated lysis⁵, and immunohistochemical staining of acetone-fixed frozen tissue sections.

Application References:

- Mizuki M, *et al.* 2000. *Sarcoidosis Vasc. Diffuse Lung Dis.* 17:54.
- Phillip J, *et al.* 1996. *Immunity* 5:163.
- Lazetic S, *et al.* 1996. *J. Immunol.* 157:4741.
- Lanier LL, *et al.* 1998. *Immunity* 8:693.
- Wooden SL, *et al.* 2005. *J. Immunol.* 175:1383.
- Shao DD, *et al.* 2008. *J. Leukoc. Biol.* 83:1323. [PubMed](#)

Description: CD94 is a 43 kD type II transmembrane glycoprotein also known as KP43. CD94 belongs to the C-type lectin superfamily and is present as a covalently linked heterodimer with NKG2 on the cell surface. CD94 is expressed by NK cells, a subset of γδ T cells, and NKT cells. The CD94/NKG2A complex serves as an inhibitory receptor specific for HLA-class I molecules.

Antigen References:

- Lopez-Botet M, *et al.* 1997. *Immunol. Rev.* 155:165.
- Moretta A, *et al.* 1997. *Immunol. Rev.* 155:105.