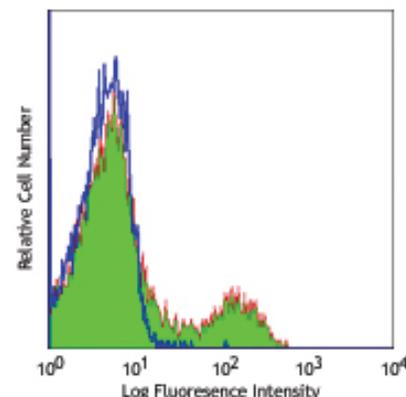


## Purified anti-human CD94

**Catalog # / Size:** 305502 / 100 µg  
**Clone:** DX22  
**Isotype:** Mouse IgG1, κ  
**Immunogen:** NK cell clone  
**Reactivity:** Human  
**Preparation:** The antibody was purified by affinity chromatography.  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.  
**Concentration:** 0.5 mg/ml  
**Storage:** The antibody solution should be stored undiluted at 4°C.



Human peripheral blood lymphocytes stained with purified DX22, followed by anti-mouse IgGs FITC

## Applications:

**Applications:** FC - *Quality tested*  
 IHC, IP - *Reported in the literature*

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.5 µg per million cells or 100 µl 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: immunoprecipitation<sup>4</sup>, inhibition of NK cell-mediated lysis<sup>5</sup>, 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.

Related Products:	Product	Clone	Application
	Purified anti-human CD16	3G8	FC, IHC, IP, CyTOF®
	Purified anti-human CD94	DX22	FC, IHC, IP
	Purified Mouse IgG1, κ Isotype Ctrl	MOPC-21	FC, ICFC, ICC, IF, IHC, IP, WB
	APC Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC
	Biotin Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC, ELISA, IHC, IF, WB
	FITC Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC
	PE Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	FC
	Cell Staining Buffer		FC, ICC, ICFC
	RBC Lysis Buffer (10X)		FC, ICFC
	Purified anti-human CD56 (NCAM)	MEM-188	FC, IHC, IP, WB



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