

Product datasheet for **AM05552PU-L**

CD94 (KLRD1) Mouse Monoclonal Antibody [Clone ID: DX22]

Product data:

Product Type:	Primary Antibodies
Clone Name:	DX22
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 1 x 10 ⁶ cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Natural killer cell line. Spleen cells from immunised BALB/c mice were fused with cells of the SP2/0 myeloma cell line.
Specificity:	This antibody is specific for CD94, also known as KLRD1 (Killer cell lectin-like receptor, subfamily D, member 1). Clone DX22 is reported to inhibit the binding of CD94 to HLA-E(2) and HLA-G(4). We recommend the use of AM05552AF-N for functional studies.
Formulation:	Phosphate buffered saline pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	killer cell lectin like receptor D1
Database Link:	Entrez Gene 3824 Human Q13241

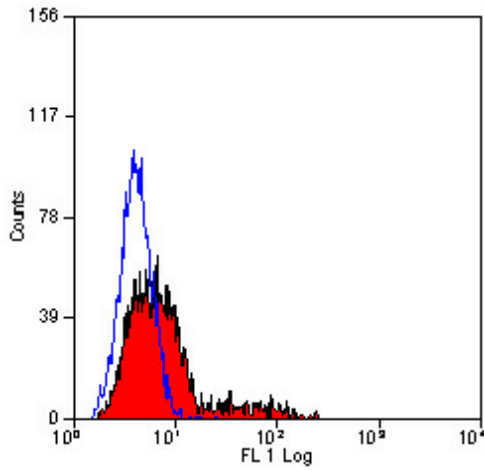


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Background: CD94 is expressed on natural killer (NK) cells and a subset of T lymphocytes. CD94 is found to associate with NKG2 to form a heterodimer which is involved in the inhibition of cell mediated cytotoxicity against cells bearing appropriate MHC class I allotypes.

Synonyms: KLRD1, KP43, NK cell receptor

Product images:



Staining of human peripheral blood lymphocytes with mouse anti human CD94.