

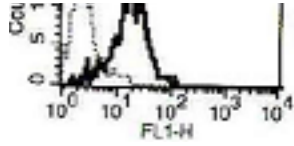
KLRD1

Mouse Anti-Human CD94 (Clone B-D49) mAb

Catalog No.	CDM332	Quantity:	200 tests
Alternate Names:	Killer cell lectin-like receptor subfamily D, member 1, NK Cell Receptor, KP43		
Description:	The mouse monoclonal antibody recognizes human CD94/ KLRD1, an antigen preferentially expressed on Natural Killer (NK) cells. CD94 is classified as a type II membrane protein because it has an external C terminus. NK cells are a distinct lineage of lymphocytes that mediate cytotoxic activity and secrete cytokines upon immune stimulation. Several genes of the C-type lectin superfamily, including members of the NKG2 family, are expressed by NK cells and may be involved in the regulation of NK cell function.		
Gene ID:	3824		
UniProtKB:	Q13241		
Concentration:	100 tests/mL		
Conjugate:	Unconjugated		
Specificity:	Recognizes human cell surface CD94		
Host:	Mouse		
Isotype:	IgG1k		
Immunogen:	IL-2 activated NK cells after tolerization with activated PBL (CD56 negative).		
Clone:	B-D49		
Formulation:	Liquid in PBS with 1% BSA and 0.09% sodium azide.		
Applications:	Flow Cytometry (FC), Immunocytochemistry (IHC)		
Application Notes:	FC: Use 10 µL to label 10 ⁶ cells or 100 µL of whole blood. IHC: frozen sections. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8 °C for up to 1 year. For long term, freeze aliquots at -20 °C. Avoid repeated freeze-thaw cycles.		
Statement:	PPE is recommended when working with products containing sodium azide.		

A typical staining pattern of NK-L cell line with the B-D49 monoclonal antibody.





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