

Product datasheet for **AM32988PU-N**

CD94 (KLRD1) Mouse Monoclonal Antibody [Clone ID: B-D49]

Product data:

Product Type:	Primary Antibodies
Clone Name:	B-D49
Applications:	FC, IHC
Recommended Dilution:	Flow Cytometry: Use 10 µl to label 10 ⁶ cells or 100 µl of whole blood. Immunohistochemistry on Frozen Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	IL-2 activated NK cells after tolerisation with activated PBL (CD56 negative).
Specificity:	This antibody recognizes cell surface CD94.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
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: Natural killer (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. KLRD1 (CD94) is an antigen preferentially expressed on NK cells and is classified as a type II membrane protein because it has an external C terminus. Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells.

Synonyms: KLRD1, KP43, NK cell receptor