

## Product datasheet for **AM05554PU-N**

### **Klrd1 Rat Monoclonal Antibody [Clone ID: 18d3]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	18d3
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of 1/50-1/200 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	CHO cells transfected with B6 allele of CD94
Specificity:	This antibody recognises CD94.
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, subfamily D, member 1
Database Link:	<a href="#">Entrez Gene 16643 Mouse O54707</a>
Background:	CD94 is a 70kD cell surface glycoprotein expressed primarily by mouse natural killer (NK) cells. The murine CD94 molecule forms heterodimers with NKG2A, C or E subunits to form the CD94/NKG2 receptor. In mice the CD94/NKG2 receptor recognises Qa-1 b, a non-classical MHC class 1 molecule. CD94/NKG2 receptors may play an important role in self-tolerance of NK cells during fetal and neonatal life. N.B. Recent reports suggest that DBA/2J mice do not express cell surface CD94/NKG2A receptors.



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**Synonyms:** KLRD1, KP43, NK cell receptor