

Product datasheet for AM05554PU-N

OriGene Technologies, Inc.

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Klrd1 Rat Monoclonal Antibody [Clone ID: 18d3]

Product data:

Product Type: Primary Antibodies

Clone Name: 18d3
Applications: FC

Recommended Dilution: Flow Cytometry: Use 10 μl of 1/50-1/200 diluted antibody to labell 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: Entrez Gene 16643 Mouse

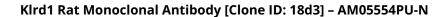
<u>O54707</u>

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/2| mice do not

express cell surface CD94/NKG2A receptors.







Synonyms: KLRD1, KP43, NK cell receptor