

## Datasheet

### **Klrc1/Klrc2/Klrc3 monoclonal antibody, clone 20d5 (PE)**

**Catalog Number:** MAB5774

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rat monoclonal antibody raised against Klrc1/Klrc2/Klrc3.

**Clone Name:** 20d5

**Immunogen:** CHO cells transfected with murine NKG2.

**Host:** Rat

**Reactivity:** Mouse

**Applications:** Flow Cyt

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** Mouse NKG2 (Mr ~ 43 KDa).

**Form:** Liquid

**Conjugation:** PE

**Isotype:** IgG2a, kappa

**Recommend Usage:** Flow Cytometry (0.2 ug/10<sup>6</sup> cells)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.09% sodium azide)

**Storage Instruction:** Store in the dark at 4°C. Do not freeze.

Avoid prolonged exposure to light.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 16641|16642|58179

**Gene Symbol:** Klrc1

**Gene Alias:** CD159a, NKG2A, NKG2B

#### **References:**

1. Analysis of Qa-1(b) peptide binding specificity and the capacity of CD94/NKG2A to discriminate between Qa-1-peptide complexes. Kraft JR, Vance RE, Pohl J, Martin AM, Raulet DH, Jensen PE. J Exp Med. 2000 Sep 4;192(5):613-24.
2. Recognition of the class Ib molecule Qa-1(b) by putative activating receptors CD94/NKG2C and CD94/NKG2E on mouse natural killer cells. Vance RE, Jamieson AM, Raulet DH. J Exp Med. 1999 Dec 20;190(12):1801-12.
3. Mouse CD94/NKG2A is a natural killer cell receptor for the nonclassical major histocompatibility complex (MHC) class I molecule Qa-1(b). Vance RE, Kraft JR, Altman JD, Jensen PE, Raulet DH. J Exp Med. 1998 Nov 16;188(10):1841-8.