**DESCRIPTION**

**Species Reactivity**  Human

**Specificity**  Detects human NKG2C/CD159c heterodimer with CD94 in flow cytometry. It does not cross-react with the human NKG2A/CD94 heterodimer or with the human CD94 homodimer.

**Source**  Monoclonal Mouse IgG1, Clone # 134591

**Purification**  Protein A or G purified from hybridoma culture supernatant

**Immunogen**  BaF3 mouse pro-B cell line transfected with human NKG2C/CD159c and CD94

**Conjugate**  Alexa Fluor 488

**Excitation Wavelength:**  488 nm

**Emission Wavelength:**  515-545 nm

**Formulation**  Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.

*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

**APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

<table>
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<th>Recommended Concentration</th>
<th>Sample</th>
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<td>5 µL/10⁶ cells</td>
<td>See Below</td>
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**DATA**

**Flow Cytometry**

Detection of NKG2C/CD159c in Human PBMC lymphocytes by Flow Cytometry. Human peripheral blood mononuclear cell (PBMC) lymphocytes were stained with Mouse Anti-Human NCAAA-1/CD96 PE-conjugated Monoclonal Antibody (Catalog # FAB2408P) and either (A) Mouse Anti-Human NKG2C/CD159c Alexa Fluor® 488-conjugated Monoclonal Antibody (Catalog # FAB138G) or (B) Mouse IgG1, Alexa Fluor 488 Isotype Control (Catalog # IC002G).

View our protocol for Staining Membrane-associated Proteins.

**PREPARATION AND STORAGE**

**Shipping**  The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage**  Protect from light. Do not freeze.

- 12 months from date of receipt, 2 to 8 °C as supplied.

**BACKGROUND**

NKG2C, also known as hemoglobin scavenger receptor, is a type II transmembrane protein expressed exclusively in monocytes and macrophages. It is a scavenger receptor cysteine-rich superfamily (SRCR-SF) protein that contains nine SRCR motifs in its extracellular region.

**PRODUCT SPECIFIC NOTICES**

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