

Anti-Mouse NKG2A/C/E - Low Endotoxin

IVMB0385

Description

This Anti-Mouse NKG2A/C/E - Low Endotoxin is supplied for advanced research applications.

Product Information

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| SKU: | IVMB0385 |
| Size: | 1 mg / 5 mg / 25 mg / 50 mg / 100 mg |
| Target: | Mouse NKG2A/C/E. NKG2A/C/E is expressed on NK cells, NKT cells, and activated CD8 T cells. |
| Clone: | 20D5 |
| Isotype: | Rat IgG2a κ |
| Applications: | <p>IHC</p> <p>Blocking</p> <p>Flow Cytometry: For flow cytometric staining, the suggested use of this reagent is $\leq 0.5 \mu\text{g}$ per million cells in 100 μl volume. An appropriate secondary used would be a goat-anti-mouse IgG2b FITC or brighter fluorochrome when needed.</p> |
| Specificity: | Clone 20D5 recognizes an epitope on the mouse NKG2A, NKG2C, and NKG2E isoforms of the CD94/NKG2 heterodimer. DBA/2J mice are CD94-deficient and do not express CD94/NKG2 receptors. |

Antibody Data

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| Reactivity: | Mouse |
| Immunogen: | CHO transfected cells expressing the C57BL/6 allele of NKG2A and CD94. |
| Endotoxin Level: | $< 1.0 \text{ EU/mg}$ as determined by the LAL method |
| Purity: | $\geq 95\%$ monomer by analytical SEC, $> 95\%$ by SDS Page |
| Formulation: | This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to |

inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

- Storage:** Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^{\circ}\text{C}$. Avoid Repeated Freeze Thaw Cycles.
- Preparation:** Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.