



# Purified Mouse IgM Kappa Isotype Control Antibody (Low Endotoxin, Azide-Free) (DAG-IC241)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Isotype</b>            | IgM, κ   |
| <b>Source/Host</b>        | Mouse  |
| <b>Species Reactivity</b> | N/A  |
| <b>Clone</b>              | NN-41  |
| <b>Purification</b>       | Affinity chromatography  |
| <b>Conjugate</b>          | Functional Grade   |
| <b>Applications</b>       | FC, ICFC, WB, IP, IF, FA   |
| <b>Preparation</b>        | The Low Endotoxin, Azide-Free antibody was purified by affinity chromatography.  |
| <b>Format</b>             | Liquid   |
| <b>Concentration</b>      | Batch dependent - please inquire should you have specific requirements.  |
| <b>Size</b>               | 500 µg   |
| <b>Buffer</b>             | 0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <0.1 EU/µg of the protein (<0.01 ng/µg of the protein) as determined by the LAL test. |
| <b>Preservative</b>       | None   |
| <b>Storage</b>            | The antibody solution should be stored undiluted between 2°C and 8°C. This solution contains no preservative; handle under aseptic conditions.   |

# BACKGROUND

## Introduction

Isotype controls are primary antibodies that lack specificity to the target, but match the class and type of the primary antibody used in the application. Isotype controls are used as negative controls to help differentiate non-specific background signal from specific antibody signal. Depending upon the isotype of the primary antibody used for detection and the target cell types involved, background signal may be a significant issue in various experiments.

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