



# Rat IgG2b kappa Isotype Control (DAGIC365)

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

## PRODUCT INFORMATION

<b>Specificity</b>	The isotype of SUL5640 immunoglobulin is rat IgG2b, κ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live and fixed mouse, rat and human tissues.
<b>Immunogen</b>	Trinitrophenol + KLH
<b>Isotype</b>	IgG2b, κ
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	N/A
<b>Clone</b>	SUL5640
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FCM, IHC, ICC
<b>Preparation</b>	The immunoglobulin was purified by affinity chromatography.
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	The antibody solution should be stored undiluted between 2°C and 8°C and protected from

prolonged exposure to light. Do not freeze.

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## 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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