



# Human IgG1 Kappa Isotype Control Antibody [FITC] (DAG-IC67)

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

## PRODUCT INFORMATION

<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	N/A
<b>Clone</b>	RB27B23
<b>Purification</b>	Affinity chromatography
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Preparation</b>	The antibody was purified by affinity chromatography and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC and unconjugated antibody.
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 ml
<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.

## 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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