



Mouse IgG2a Kappa Isotype Control Antibody [Brilliant Violet 421] (DAG-IC141)

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

PRODUCT INFORMATION

Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	NPQD-284
Purification	Affinity chromatography
Conjugate	Brilliant Violet 421
Applications	FC, ICFC
Preparation	The immunoglobulin was purified by affinity chromatography and conjugated with Brilliant Violet 421 under optimal conditions. The solution is free of unconjugated Brilliant Violet 421 and unconjugated antibody.
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	100 tests
Buffer	Phosphate-buffered solution, pH 7.2.
Preservative	0.09% Sodium Azide
Storage	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.
