



Mouse IgG1 kappa Isotype Control [Alexa Fluor® 488] (DAGIC585)

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

PRODUCT INFORMATION

Specificity	The NPQD-32 immunoglobulin has unknown specificity. The isotype of this antibody is mouse IgG1, 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.
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	NPQD-32
Purification	Affinity chromatography
Conjugate	Alexa Fluor 488
Applications	FC, IF
Preparation	The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 488 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 488.
Format	Liquid
Concentration	Lot-specific
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.
