



Mouse IgG2a Isotype Control (DAGIC1216)

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

PRODUCT INFORMATION

Specificity	The NPQD-284 immunoglobulin has unknown specificity. The isotype of this antibody is mouse IgG2a, 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	IgG2a
Source/Host	Mouse
Species Reactivity	N/A
Clone	NPQD-284
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	FC, EIA, IHC
Preparation	The immunoglobulin was purified by affinity chromatography.
Format	Liquid
Concentration	0.5 mg/ml
Size	50 µg
Buffer	Phosphate-buffered solution, pH 7.2
Preservative	0.09% Sodium Azide
Storage	The immunoglobulin solution should be stored undiluted between 2°C and 8°C

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.
