



Mouse IgG2a kappa Isotype Control (DAGIC802)

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

PRODUCT INFORMATION

Specificity	The isotype of NH3b-64 immunoglobulin 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.
Immunogen	Trinitrophenol + KLH
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	N/A
Clone	NH3b-64
Purification	Affinity chromatography
Conjugate	Unconjugated
Applications	FC, ICFC, WB, IP, ICC, IF, IHC, FA
Preparation	The immunoglobulin was purified by affinity chromatography.
Format	Liquid
Concentration	0.5 mg/ml
Size	500 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.
