

## Product datasheet

# Rat monoclonal [SB76b] Anti-Mouse IgG3 gamma chain (Alexa Fluor® 647) ab172329

[2 Images](#)

### Overview

<b>Product name</b>	Rat monoclonal [SB76b] Anti-Mouse IgG3 gamma chain (Alexa Fluor® 647)
<b>Host species</b>	Rat
<b>Target species</b>	Mouse
<b>Specificity</b>	Reacts with mouse IgG3 as demonstrated by ELISA. Minimal reaction with other mouse isotypes. May react with IgG from other species.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IHC-P, ELISA, ICC/IF
<b>Immunogen</b>	The details of the immunogen for this antibody are not available.
<b>Conjugation</b>	Alexa Fluor® 647. Ex: 652nm, Em: 668nm

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C. Store In the Dark.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituents: 23% Glycerol (glycerin, glycerine), PBS, 1% BSA
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	SB76b
<b>Isotype</b>	IgG3
<b>General notes</b>	Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or

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## Applications

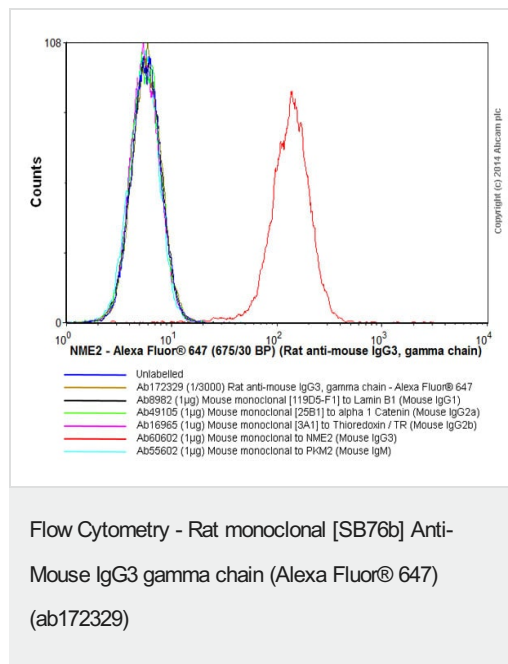
### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab172329 in the following tested applications.

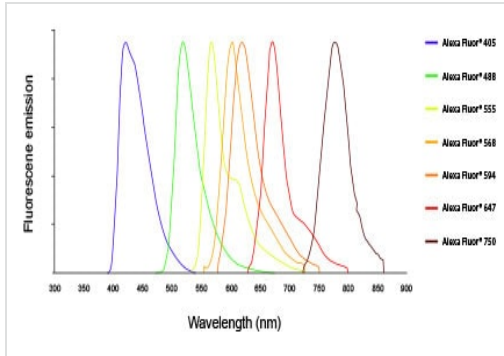
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		1/3000.
IHC-P		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
ICC/IF		1/200 - 1/1000.

## Images



Overlay histogram showing subclass specificity of ab172329. HeLa cells were fixed with 80% methanol (-20°C, 5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% serum / 0.3M glycine to block non-specific protein-protein interactions followed by the primary antibody (1µg/1x10<sup>6</sup> cells) as indicated: **ab8982** (Mouse IgG1), **ab49105** (Mouse IgG2a), **ab16965** (Mouse IgG2b), **ab60602** (Mouse IgG3), **ab55602** (Mouse IgM) for 30 min at 22°C. The secondary antibody (ab172329 - Rat monoclonal (SB76b) Anti-Mouse IgG3 gamma chain - Alexa Fluor® 647) was used at 1/3000 dilution for 30 min at 22°C. Unlabelled (blue line) and secondary only (black line) samples were also used as negative controls. Acquisition of >5,000 events were collected using a solid-state 25mW red diode laser (635nm) and 675/30 bandpass filter.



Emission spectra of Alexa Fluor® fluorochromes available in our catalog. Line colors represent the approximate visible colors of the wavelength maxima.

Alexa Fluor® - Rat monoclonal [SB76b] Anti-Mouse  
IgG3 gamma chain (Alexa Fluor® 647) (ab172329)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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