

Technical Data Sheet

Product **Mouse IgG2a Isotype Control Alexa Fluor<sup>®</sup> 647**

Cat. Number/Size **A6-458-C025** **0.025 mg**  
**A6-458-C100** **0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

---

Clone	PPV-04
Format	Alexa Fluor <sup>®</sup> 647
Negative species	Mouse, Rat, Pig, Human
Application	FC (QC tested), IHC(P), IHC(F), ICC, WB
Application details	Negative control: The reagent is intended as an isotype control to establish the amount of non-specific antibody binding. For your particular experiment, use the same concentration of this control antibody as the recommended working concentration of the antigen-specific antibody. Also, when working with prediluted antibodies, dilute the isotype control to the same concentration as is the concentration of the antigen-specific antibody in the prediluted antibody solution you are using. If under particular experimental conditions the background signal of the isotype control is too high (usually when working concentrations of used antibodies are above 10 µg/ml of incubation mixture), change the conditions of your experiment to reduce the background.
Excitation laser	red (633 nm)
Isotype	Mouse IgG2a
Specificity	This mouse IgG2a monoclonal antibody (clone PPV-04) reacts with undefined epitope on a plant pathogen.

---

Concentration	1 mg/ml
Preparation	The purified antibody is conjugated with Alexa Fluor <sup>®</sup> 647 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

---

Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
-----------------------	--

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.

Alexa Fluor<sup>®</sup>, Pacific Blue<sup>™</sup> and Pacific Orange<sup>™</sup> are registered trademarks of Life Technologies Corporation.

This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or [outlicensing@lifetech.com](mailto:outlicensing@lifetech.com).