

Alexa Fluor secondary antibodies

Superior performance and reliability, from the fluorescence leader that invented them

Invitrogen™ Alexa Fluor™ fluorescent secondary antibodies can be found in laboratories across the world and have been foundational tools for fluorescence imaging for decades. With more than 30,000 citations, Alexa Fluor secondary antibodies are among the most trusted in the lab.

Choose Alexa Fluor secondary antibodies for:

- **Brightness and photostability**—intense fluorescence gives you clear results and long-lasting signals, allowing for more time to capture beautiful images
- **Consistency and reliability**—you can trust Alexa Fluor secondary antibodies to consistently detect their targets, saving you time and money

Labeled secondary antibodies

Labeled secondary antibodies form stable and specific complexes with unlabeled primary antibodies, and this interaction provides the foundation for most immunofluorescence microscopy protocols. Our extensive selection of Invitrogen™ labeled conjugates includes antibodies labeled with our superior Invitrogen™ Alexa Fluor™ dyes. Whether it's Alexa Fluor 488, Alexa Fluor 555, Alexa Fluor 647, or any other Alexa Fluor dye, you'll get some of the brightest conjugates available for imaging and other fluorescence-based applications.

Brightness and photostability comparison

The photostability of the Alexa Fluor dye-labeled secondary antibodies is particularly apparent when compared to traditional fluorophores such as fluorescein and Cy® dyes (Figure 1).

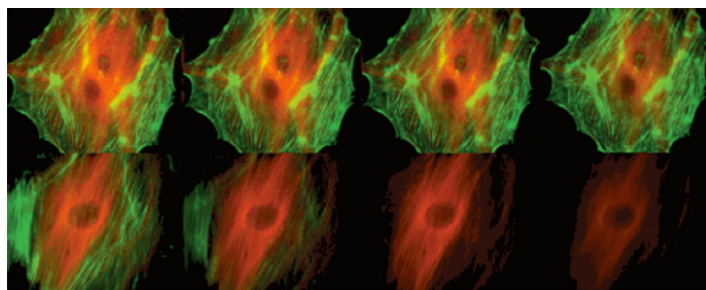


Figure 1. Comparison of photobleaching rates of the Invitrogen™ Alexa Fluor™ 488 and Invitrogen™ Alexa Fluor™ 546 dyes and the well-known fluorescein and Cy®3 fluorophores. The cytoskeleton of bovine pulmonary artery endothelial cells (BPAEC) was labeled with Invitrogen™ Alexa Fluor™ 488 phalloidin and mouse monoclonal anti-α-tubulin followed by Invitrogen™ Alexa Fluor™ 546 goat anti-mouse IgG (top series), or fluorescein phalloidin and the anti-α-tubulin followed by a commercially available Cy®3 goat anti-mouse IgG (bottom series).

Find the secondary antibody you're looking for

Our Secondary Antibody Selector Tool offers you access to a variety of Invitrogen™ antibodies, including conjugates to Alexa Fluor dyes, HRP, AP, and other conjugates for fluorescence imaging, western blot analysis, and more.

Find out more at thermofisher.com/alexafluor



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For customer service, call 1-800-766-7000
To fax an order, use 1-800-926-1166
To order online: fishersci.com

In Canada:

For customer service, call 1-800-234-7437
To fax an order, use 1-800-463-2996
To order online: fishersci.ca

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