

## Higher sensitivity to elevate your image

Introducing an innovation in Alexa Fluor secondary antibodies offering higher signal-to-noise ratio for your precious research samples

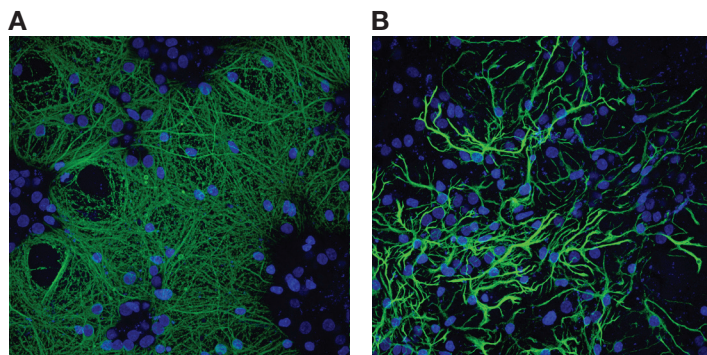
Providing up to 4x higher signal-to-noise ratio, the unique, proprietary chemistry of new **Invitrogen™ Alexa Fluor™ Plus secondary antibodies** was designed to help you detect and visualize low-abundance targets in rare or precious samples.

When you perform cell imaging and fluorescent western blotting, you can't afford to take risks with challenging samples for critical experiments. That's why the Invitrogen™

Alexa Fluor™ secondary antibodies you rely on for superior brightness and photostability are now available in an exclusive formula using our proprietary “plus” dye chemistry. This unique formulation coupled with high pre-adsorption enables Alexa Fluor Plus secondary antibodies to offer enhanced signal-to-noise ratio and minimize cross-reactivity.

### New Alexa Fluor Plus secondary antibodies offer:

- Up to 4x higher signal-to-noise ratio allowing detection of low abundance targets
- High cross-adsorption to minimize cross-reactivity for low background
- Improved sensitivity and range of linear detection to provide more detail
- Increased photostability and superior brightness



**Figure 1. Invitrogen™ Alexa Fluor™ Plus 488 Secondary Antibody helps you see greater detail and shows higher signal-to-noise ratio.** Compare the conjugates: Alexa Fluor 488 Secondary Antibody (A) vs. new Alexa Fluor Plus 488 Secondary Antibody (B).

## See the difference with new Alexa Fluor Plus secondary antibodies

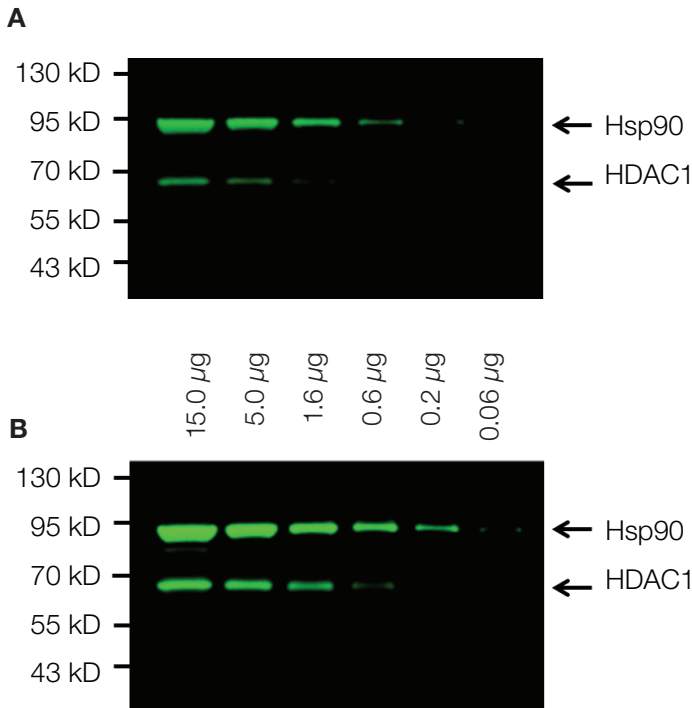


Figure 2. Invitrogen™ Alexa Fluor™ Plus 800 Secondary Antibody (B) shows more bands at lower dilutions, demonstrating greater sensitivity and range of detection compared to competitor antibody (A).

### High performance in a wide range of host species and conjugates

Our Alexa Fluor Plus secondary antibodies are available for key target species and are labeled with a wide range of superior Invitrogen™ Alexa Fluor™ dyes across the color spectrum from 488 to 800 nm.

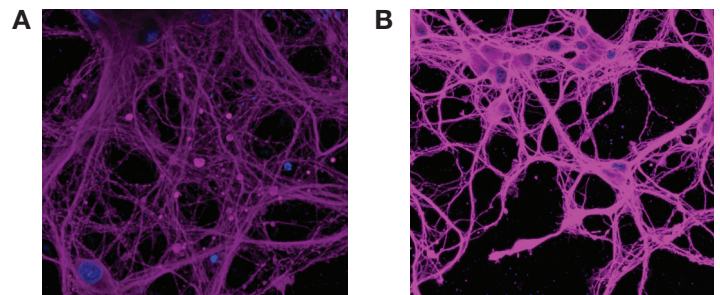


Figure 3. Invitrogen™ Alexa Fluor™ Plus 647 Secondary Antibody (B) enables detection of low-abundance targets, showing higher signal-to-noise ratio compared to Alexa Fluor 647 Secondary Antibody (A).

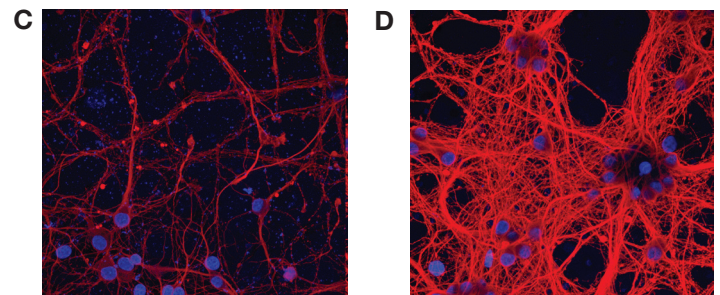


Figure 4. Invitrogen™ Alexa Fluor™ Plus 555 Secondary Antibody helps you see a brighter signal over the noise. Compare the conjugates: Alexa Fluor 555 Secondary Antibody (C) vs. new Alexa Fluor Plus 555 Secondary Antibody (D).



Find out more about new Alexa Fluor Plus secondary antibodies at [thermofisher.com/alexafluorplus](http://thermofisher.com/alexafluorplus)



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