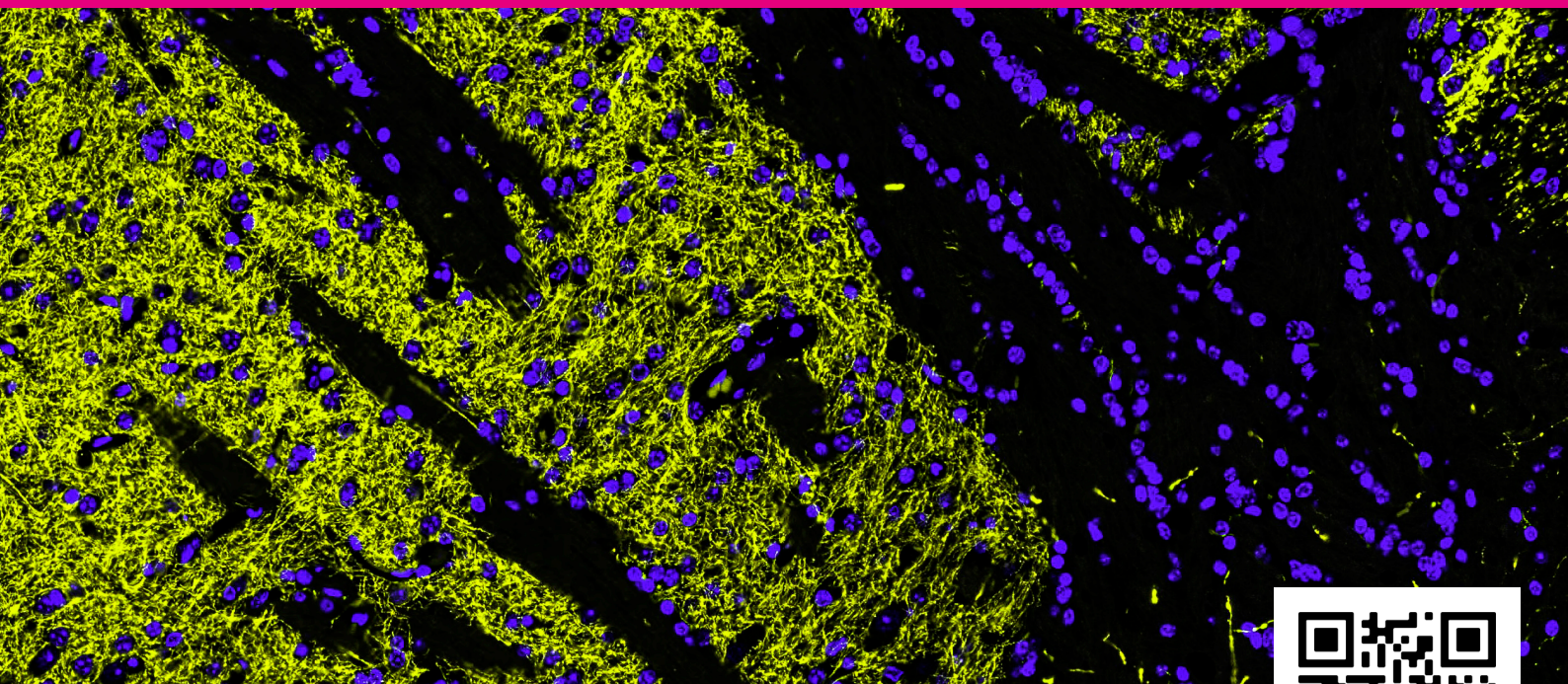


CONJUGATES DESIGNED FOR MULTIPLE LABELING

# NEW AlexaFluor® 555 & 568



## Fluorescent Conjugates from Jackson ImmunoResearch

Scan the code to access more information online

### Secondary antibody conjugates designed for multiple labeling

NEW Alexa Fluor® 555 and Alexa Fluor® 568 dyes are conjugated to Donkey and Goat host species secondary antibodies designed with multiple labeling in mind as they are minimally cross-reactive to many common species. Combine Alexa Fluor® 555 or 568 with our full range of JIR Alexa Fluor conjugated secondary antibodies to design labeling experiments that **access the full spectrum!**

	Fluorescent dyes	Excitation Peak	Emission Peak
	Alexa Fluor® 488	493 nm	519 nm
<b>NEW</b>	Alexa Fluor® 555	552 nm	572 nm
<b>NEW</b>	Alexa Fluor® 568	577 nm	602 nm
	Alexa Fluor® 594	591 nm	614 nm
	Alexa Fluor® 647	651 nm	667 nm
	Alexa Fluor® 680	684 nm	702 nm
	Alexa Fluor® 790	792 nm	803 nm



CONJUGATES DESIGNED FOR  
MULTIPLE LABELING

# AlexaFluor® 555 & 568



Alexa Fluor® 555 and 568 are available  
conjugated to:

Whole IgG Secondary Antibodies

AffiniPure VHH™ Secondary Antibodies

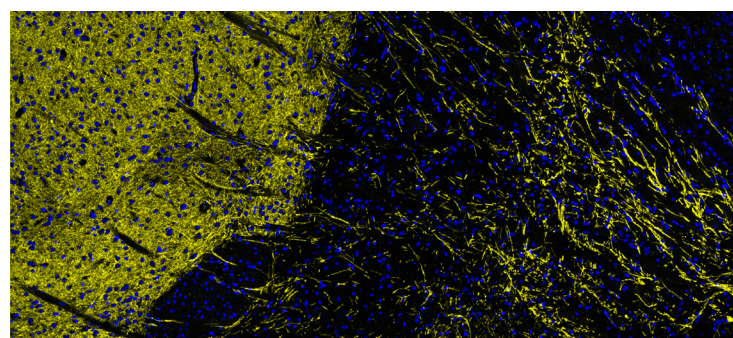
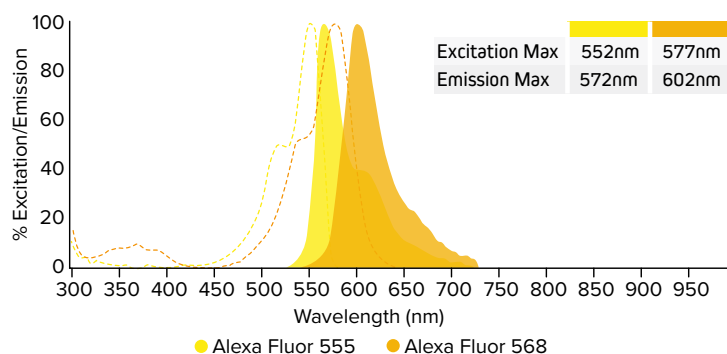
ChromPure™ Purified Proteins from Normal Serums

## Alexa Fluor® 555

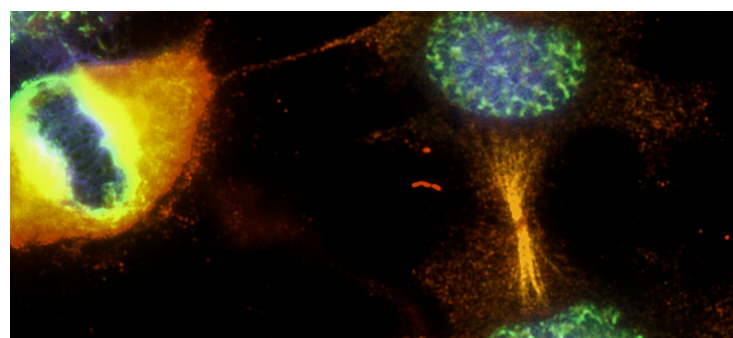
Alexa Fluor® 555 conjugated antibodies absorb light maximally around 552 nm and fluoresce with a peak around 572 nm. Alexa Fluor® 555 dye is a bright, orange-fluorescent dye with excitation ideally suited to the 555 nm laser line. Alexa Fluor® 555 dye is pH-insensitive over a wide molar range, providing stable signal generation for flow cytometry and imaging applications, including some super-resolution protocols (Goossen-Schmidt et al., 2020). Dye molecules like Alexa Fluor® 555, with high fluorescence quantum yield and high photostability, allow the detection of low-abundance biological structures with great sensitivity.

## Alexa Fluor® 568

Alexa Fluor® 568 conjugated antibodies absorb light maximally around 577 nm and fluoresce with a peak around 602 nm. Alexa Fluor® 568 dyes are bright, orange-fluorescent dyes with excitation ideally suited for the 568 nm laser line on the Ar-Kr mixed-gas laser. Alexa Fluor® 568 dyes are pH-insensitive over a wide molar range. Alexa Fluor® 568 is a bright and photostable orange-red dye that matches well with Red Fluorescent Protein (RFP) filter sets and may be used in stochastic optical reconstruction microscopy (STORM)—as a reporter in dSTORM (Goossen-Schmidt et al., 2020).



**Figure 1:** IHC of sagittal section of FFPE mouse brain. Neurons visualized with Rabbit anti-Tyrosine Hydroxylase followed by Alexa Fluor® 555 conjugated Goat Anti-Rabbit (111-565-144) (Yellow), Nuclei stained with Dapi (Blue). Image obtained from slides created and provided by UNC's Histology Research Core Facility.



**Figure 2:** Indirect four-color immunostaining of Human epithelial (HEp-2) cells). Cellular proliferation visualized in green, using Rabbit A-Ki-67 followed by AlexaFluor® 488-conjugated Donkey Anti-Rabbit (H+L) (711-545-152). Microtubules visualized in yellow, using Mouse anti- $\alpha$ -tubulin (715-575-151) followed by AlexaFluor® 568 conjugated Donkey Anti-Mouse IgG(H+L) (715-575-151). Cell-to-cell contact visualized in red using Goat Anti-E-Cadherin, followed by AlexaFluor® 647-conjugated Donkey Anti-Goat IgG(H+L)(705-605-147). Blue - DAPI Nuclear Stain.



Want more information?

Scan the code to access  
more information online!