

	Excitation maximum (nm)	Emission maximum (nm)
 Dye-490	491	515
 Dye-550	551	565
 Dye-650	653	672
 Dye-IR700	690	709
 Dye-IR800	783	800

*For more information*



Visit [www.avansta.com/products/Fluorescent\\_secondary\\_antibodies](http://www.avansta.com/products/Fluorescent_secondary_antibodies) or go directly to the web page by scanning the QR-code with your favorite bar-code scanner app on your smart phone.

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## SpectraDye™ Secondary Antibodies

Fluorescently label antibodies

### Description

Avansta offers a broad selection of SpectraDye Secondary Antibodies with a variety of conjugate types, including visible and near infrared (NIR) fluorescent dyes. Choose the label and species best suited for your application. Each high quality antibody offers unparalleled sensitivity and performance. Additionally, achieve fast and convenient workflow when using the dyes in conjunction with Avansta's WesternBright™ MCF system for multi-color fluorescent Westerns.

### Advantages

- **Performance** – strong signal and no cross-reactivity
- **Convenience** – each antibody is demonstrated to provide optimal results with Avansta's Western blotting systems
- **Flexibility** – choose the label and target species best suited to your application



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### Tips

- Western Blotting requires optimization of both primary and secondary antibody concentrations. These must be determined for every target-antibody pair.
- A good starting dilution of secondary antibodies labeled with SpectraDye is 1:2500-1:5000.
- Our antibodies can be imaged on a wet blot.
- When optimizing the secondary antibody concentration, save the diluted secondary antibody solution after membrane incubation. If greater sensitivity is needed, more secondary antibody can be added to the solution and the membrane re-incubated in the solution and final washes repeated.

### Ordering Information

Product	Fluorescent label				
	490	550	650	IR700	IR800
Goat-anti-rabbit	R-05759-250	R-05760-250	R-05761-250	R-05054-250	R-05060-250
Goat-anti-mouse	R-05762-250	R-05763-250	R-05764-250	R-05055-250	R-05061-250
Goat-anti-human	R-05765-250	R-05766-250	R-05767-250	R-05056-250	R-05062-250
Goat-anti-rat	R-05768-250	R-05769-250	R-05770-250	R-05058-250	R-05064-250
Goat-anti-chicken	R-05771-250	R-05772-250	R-05773-250	R-05057-250	R-05063-250
Goat-anti-guinea pig	R-05774-250	R-05775-250	R-05776-250	R-05059-250	R-05065-250
Donkey-anti-goat	R-05777-250	R-05778-250	R-05779-250	R-05780-250	R-05781-250

#### Related Products

R-05051-250 Goat-anti-rabbit IgG APC

R-05052-250 Goat-anti-mouse IgG RPE

\*Size 250 µl for all products listed.

