

DyLight® conjugated secondary antibodies

abcam[®]
discover more

Selection of DyLight® conjugated secondary antibodies

Conjugate	Host	Target	Applications	Product code
Anti-IgG H&L secondaries				
DyLight® 488	Donkey	Sheep	Flow Cyt, ICC/IF, IHC-P	ab96939
	Goat	Mouse	Flow Cyt, ICC/IF, IHC-P	ab96871
	Rabbit	Human	Flow Cyt, ICC/IF, IHC-P	ab96903
	Sheep	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96923
DyLight® 550	Donkey	Sheep	Flow Cyt, ICC/IF, IHC-P	ab96940
	Goat	Mouse	Flow Cyt, ICC/IF, IHC-P	ab96872
	Rabbit	Human	Flow Cyt, ICC/IF, IHC-P	ab96904
	Sheep	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96924
DyLight® 594	Donkey	Sheep	Flow Cyt, ICC/IF, IHC-P	ab96941
	Goat	Mouse	Flow Cyt, ICC/IF, IHC-P	ab96873
	Rabbit	Human	Flow Cyt, ICC/IF, IHC-P	ab96905
	Sheep	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96925
DyLight® 650	Donkey	Sheep	Flow Cyt, ICC/IF, IHC-P	ab96942
	Goat	Human	Flow Cyt, ICC/IF, IHC-P	ab96910
	Rabbit	Human	Flow Cyt, ICC/IF, IHC-P	ab96906
	Sheep	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96926
Anti-IgG H&L pre-adsorbed secondaries				
DyLight® 488	Donkey	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96919
	Goat	Human	Flow Cyt, ICC/IF, IHC-P	ab96911
	Rabbit	Goat	Flow Cyt, ICC/IF, IHC-P	ab96915
DyLight® 550	Donkey	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96920
	Goat	Human	Flow Cyt, ICC/IF, IHC-P	ab96912
	Rabbit	Goat	Flow Cyt, ICC/IF, IHC-P	ab96916
DyLight® 594	Donkey	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96921
	Goat	Human	Flow Cyt, ICC/IF, IHC-P	ab96913
	Rabbit	Goat	Flow Cyt, ICC/IF, IHC-P	ab96917
DyLight® 650	Donkey	Rabbit	Flow Cyt, ICC/IF, IHC-P	ab96922
	Goat	Human	Flow Cyt, ICC/IF, IHC-P	ab96914
	Rabbit	Goat	Flow Cyt, ICC/IF, IHC-P	ab96918



196_11_JL

Discover more at abcam.com/DyLight

Discover more at abcam.com/DyLight

An alternative to conventional dyes

New family of dyes

- **DyLight® 488** - alternative to Alexa Fluor 488®, Fluorescein, FITC, Cy2®
- **DyLight® 550** - alternative to Alexa Fluor 546®, Alexa Fluor 555®, Cy3®, TRITC
- **DyLight® 594** - alternative to Alexa Fluor 594®, Texas Red®
- **DyLight® 650** - alternative to Alexa Fluor 647®, Cy5®


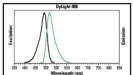

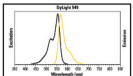

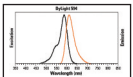

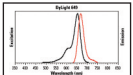
Advantages

- Bright fluorescence - higher sensitivity and requires less conjugate
- Narrow emission spectra - enable multi-color detection
- Excellent photostability - better resistance to photobleaching
- Buffer stability - stable at pH 4 - 9
- Instrument compatibility - DyLight® can be visualized with common laser and filter settings.

DyLight® antibodies supplied in two formats

- Affinity purified against an antigen of interest
- Pre-adsorbed against immobilized serum proteins from potential cross-reactive species

Spectral properties of DyLight® fluorochromes

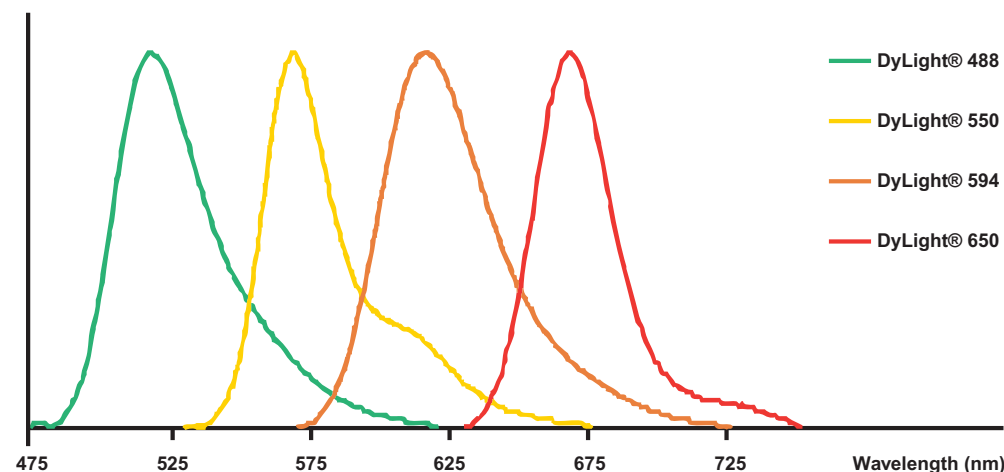
Fluorochrome	Color	Ex/Em	Spectra	ϵ ($M^{-1}cm^{-1}$)	Spectrally equivalent dyes
DyLight® 488		493/518		70K	Alexa Fluor 488®, Fluorescein, FITC, Cy2®
DyLight® 550		562/576		150K	Alexa Fluor 546® or 555®, Cy3®, TRITC
DyLight® 594		593/618		80K	Alexa Fluor 594®, Texas Red®
DyLight® 650		654/673		250K	Alexa Fluor 647®, Cy5®

Ex/Em: Excitation and emission wavelength in nanometers (+/- 4nm)

ϵ : Molar extinction coefficient at the absorption maximum

Emission spectra of DyLight® fluorochromes

The line colors represent the approximate visible colors of the wavelength maxima.



Discover more at abcam.com/DyLight

Discover more at abcam.com/DyLight