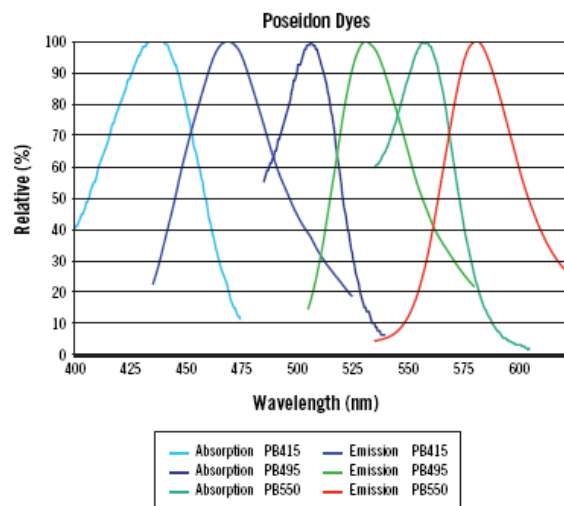


Poseidon Fluorophores and Filter recommendations

The Fluorophores used for Poseidon probes are called Platinum*bright* followed by a number indicating the maximal Excitation wavelength of the used Fluor.

Fluorophore	Excitation	Emission
Platinum <i>Bright</i> 415	415 ±20 nm	475 ±30 nm
Platinum <i>Bright</i> 495	495 ±20 nm	525 ±30 nm
Platinum <i>Bright</i> 550	546 ±12 nm	580 ±30 nm



Similarity to other Fluors used in FISH:

Platinumbright 415 : Aqua, SpectrumAqua, AMCA

Platinumbright 495: FITC, FluorX, SpectrumGreen, Alexa Fluor 488

Platinumbright 550: TRITC, Cy3, SpectrumOrange, SpectrumGold

Filters used to view the above mentioned fluorophores are also suitable for Poseidon probes.