

# Cytek cFluor Chart

Cytek® cFluor®	1° Excitation Laser	Peak Emission	Peak Channel	Dye With Similar Emission	Chemistry	cFluor Advantages
cFluor® V420	Violet	420 nm	V2	Alexa Fluor® 405	Small molecule	Brighter than Alexa Fluor® 405
cFluor® V450	Violet	450 nm	V3	Pacific Blue™; V450; eFluor® 450; VioBlue®	Small molecule	Brighter than alternative dyes
cFluor® V547	Violet	547 nm	V8	Pacific Orange™; Spark Violet™ 538	Small molecule	Brighter than Pacific Orange™
cFluor® V610	Violet	610 nm	V10	BV605	Small molecule	<b>Spectrally unique</b> , works well with BV605
cFluor® B515	Blue	515 nm	B1	BB515; Vio™ B515; Vio Bright™ B515	Small molecule	Works well with cFluor B532 and cFluor B548
cFluor® B520	Blue	520 nm	B2	FITC; Alexa Fluor® 488; KIRAVIA Blue 520™	Small molecule	
cFluor® B532	Blue	532 nm	B3	Vio Bright™ FITC™	Small molecule	<b>Spectrally unique</b> , works well with cFluor B515
cFluor® B548	Blue	548 nm	B3	Spark Blue™ 550; Alexa Fluor® 532	Small molecule	Works well with cFluor B515, BB515 or Vio Bright™ B515
cFluor® B675	Blue	675 nm	B8	PerCP	Protein	
cFluor® B690	Blue	690 nm	B9	PerCP-Cy™5.5 or PerCP/Cyanine5.5; BB700	Tandem	
cFluor® YG584	Yellow-Green	584 nm	YG1	PE	Small molecule	<b>Spectrally unique</b> , works well with PE
cFluor® YG610	Yellow-Green	610 nm	YG3	PE-Dazzle™ 594; PE-CF594; PE-Vio® 615; PE-eFluor® 610; eFluor® 615	Small molecule	<b>Spectrally unique</b> , works well with PE-Dazzle™ 594
cFluor® BYG575	Blue, Yellow-Green	575 nm	YG1	PE	Protein	
cFluor® BYG610	Blue, Yellow-Green	610 nm	B6, YG3	PE-Dazzle™ 594; PE-CF594; PE-Vio® 615; PE-eFluor® 610; eFluor® 615	Tandem	Brighter than PE-Dazzle™ 594
cFluor® BYG667	Blue, Yellow-Green	667 nm	B8, YG5	PE-Cy™5 or PE/Cyanine5	Tandem	
cFluor® BYG710	Blue, Yellow-Green	710 nm	B10, YG7	PE/Fire™ 700; PE-Alexa Fluor® 700	Tandem	SI similar to PE, PE-Cy™5, less spillover into PE-Cy™5
cFluor® BYG750	Blue, Yellow-Green	750 nm	B12, YG8	None	Tandem	<b>Spectrally unique</b> , SI similar to PE
cFluor® BYG781	Blue, Yellow-Green	781 nm	B13, YG9	PE-Cy™7 or PE/Cyanine7; PE-Vio® 770	Tandem	
cFluor® R659	Red	659 nm	R1	APC	Protein	
cFluor® R668	Red	668 nm	R2	Alexa Fluor® 647; eFluor® 660; Cy™5	Small molecule	
cFluor® R685	Red	685 nm	R3	APC-Cy™5.5 or APC/Cyanine5.5; Alexa Fluor® 660; Spark NIR™ 685	Small molecule	Less spillover into YG, Violet, & Alexa Fluor® 700
cFluor® R720	Red	720 nm	R4	Alexa Fluor® 700; APC-R700; APC-Alexa Fluor® 700	Small molecule	SI greater than Alexa Fluor® 700
cFluor® R780	Red	780 nm	R7	APC/Fire™ 750; APC-H7; APC-Cy™7 or APC/Cyanine7	Tandem	
cFluor® R840	Red	840 nm	R8	APC/Fire™ 810	Tandem	

cFluor® V547, cFluor® B515, cFluor® B532, cFluor® R668 and cFluor® R720 are equivalent to CF®405L, CF®488A, CF®503, CF®647, and CF®700 respectively, manufactured and provided by Biotium, Inc. under an Agreement between Biotium and Cytek (LICENSEE). The manufacture, use, sale, offer for sale, or import of the product is covered by one or more of the patents or pending applications owned or licensed by Biotium. The purchase of this product includes a limited, non-transferable immunity from suit under the foregoing patent claims for using only this amount of product for the purchaser's own internal research. No right under any other patent claim, no right to perform any patented method, and no right to perform commercial services of any kind, including without limitation reporting the results of purchaser's activities for a fee or other commercial consideration, is conveyed expressly, by implication, or by estoppel.