

# Cytek cFluor® Reagents

## Expand full spectrum flow cytometry panels with Cytek's new reagent family

Cytek Biosciences has redefined what is possible in flow cytometry. Thanks to the unique optical design onboard the Cytek Aurora and Northern Lights systems, researchers have exceptional flexibility in choosing fluorochrome combinations for high parameter panels.

Cytek's experience in designing highly multiparametric panels has led to a deeper understanding of how fluorochromes react together in increasingly complex fluorescent experiments. We are now applying this expertise and understanding to identify and evaluate dyes and antibody conjugates optimized for full spectrum analysis on Cytek flow cytometers.

### Available cFluor® Reagents

25 test sizes are also available

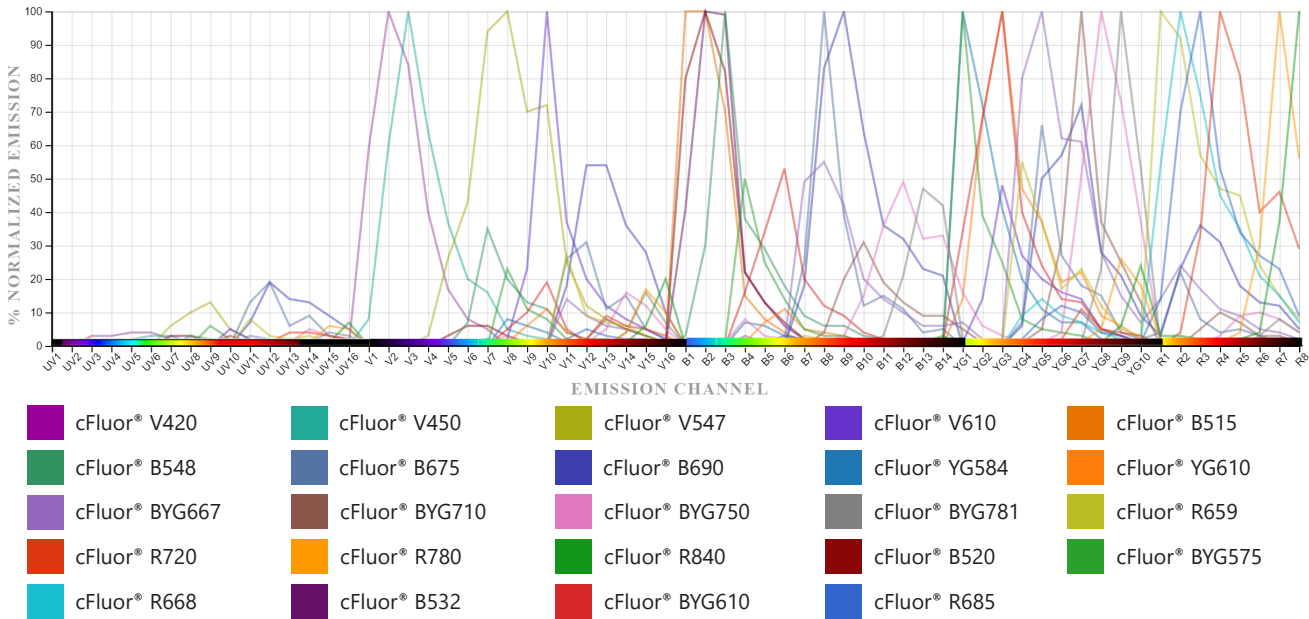
NAME	CLONE	SIZE	CATALOG #
cFluor® V420 Anti-Human CD3	SK7	100 tests	R7-20053
cFluor® V420 Anti-Human CD4	SK3	100 tests	R7-20055
cFluor® V420 Anti-Human CD7	CD7-6B7	100 tests	R7-20033
cFluor® V420 Anti-Human CD9	HI9a	100 tests	R7-20099
cFluor® V420 Anti-Human CD52	HI168	100 tests	R7-20031
cFluor® V450 Anti-Human CD4	SK3	100 tests	R7-20057
cFluor® V450 Anti-Human CD16	3G8	100 tests	R7-20183
cFluor® V450 Anti-Human CD20	2H7	100 tests	R7-20015
cFluor® V450 Anti-Human CD14	M5E2	100 tests	R7-20003
cFluor® V450 Anti-Human CD45RA	HI100	100 tests	R7-20121
cFluor® V547 Anti-Human CD4	SK3	100 tests	R7-20167
cFluor® V547 Anti-Human CD8	SK1	100 tests	R7-20063
cFluor® V547 Anti-Human CD20	2H7	100 tests	R7-20111
cFluor® V547 Anti-Human CD45	HI30	100 tests	R7-20011
cFluor® V610 Anti-Human CD4	SK3	100 tests	R7-20073
cFluor® B515 Anti-Human CD4	SK3	100 tests	R7-20027
cFluor® B515 Anti-Human CD5	L17F12	100 tests	R7-20141
cFluor® B515 Anti-Human CD8	SK1	100 tests	R7-20035
cFluor® B515 Anti-Human CD141	M80	100 tests	R7-20113
cFluor® B515 Anti-Human HLA-DR	L243	100 tests	R7-20101
cFluor® B520 Anti-Human CD4	SK3	100 tests	R7-20149
cFluor® B532 Anti-Human CD4	SK3	100 tests	R7-20037
cFluor® B532 Anti-Human CD8	SK1	100 tests	R7-20097
cFluor® B532 Anti-Human CD19	HIB19	100 tests	R7-20071
cFluor® B532 Anti-Human CD73	AD2	100 tests	R7-20017
cFluor® B548 Anti-Human CD4	SK3	100 tests	R7-20043
cFluor® B548 Anti-Human CD8	SK1	100 tests	R7-20097
cFluor® B548 Anti-Human CD14	63D3	100 tests	R7-20115
cFluor® B548 Anti-Human CD15	HI98	100 tests	R7-20025
cFluor® B675 Anti-Human CD4	SK3	100 tests	R7-20151
cFluor® B690 Anti-Human CD4	SK3	100 tests	R7-20153
cFluor® BYG575 Anti-Human CD4	SK3	100 tests	R7-20155



Look for more cFluor® dyes coming soon, validated to work in pre-optimized panels. Full spectrum signatures can be viewed at [spectrum.cytekbio.com](http://spectrum.cytekbio.com)

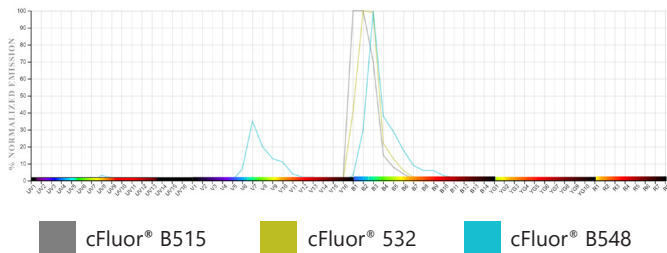
cFluor® BYG610 Anti-Human CD4	SK3	100 tests	R7-20039
cFluor® BYG667 Anti-Human CD4	SK3	100 tests	R7-20157
cFluor® BYG710 Anti-Human CD4	SK3	100 tests	R7-20047
cFluor® BYG710 Anti-Human CD19	HIB19	100 tests	R7-20009
cFluor® BYG750 Anti-Human CD4	SK3	100 tests	R7-20159
cFluor® BYG781 Anti-Human CD4	SK3	100 tests	R7-20161
cFluor® YG584 Anti-Human CD4	SK3	100 tests	R7-20041
cFluor® YG610 Anti-Human CD4	SK3	100 tests	R7-20169
cFluor® R659 Anti-Human CD4	SK3	100 tests	R7-20163
cFluor® R668 Anti-Human CD1c	L161	100 tests	R7-20119
cFluor® R668 Anti-Human CD3	SK7	100 tests	R7-20107
cFluor® R668 Anti-Human CD3	UCHT1	100 tests	R7-20139
cFluor® R668 Anti-Human CD4	SK3	100 tests	R7-20049
cFluor® R668 Anti-Human CD7	CD7-6B7	100 tests	R7-20029
cFluor® R668 Anti-Human CD16	3G8	100 tests	R7-20069
cFluor® R668 Anti-Human CD38	HIT2	100 tests	R7-20093
cFluor® R668 Anti-Human CD57	HNK-1	100 tests	R7-20171
cFluor® R685 Anti-Human CD4	SK3	100 tests	R7-20051
cFluor® R685 Anti-Human CD19	HIB19	100 tests	R7-20117
cFluor® R720 Anti-Human CD2	RPA-2.10	100 tests	R7-20143
cFluor® R720 Anti-Human CD4	SK3	100 tests	R7-20045
cFluor® R720 Anti-Human CD5	L17F12	100 tests	R7-20095
cFluor® R720 Anti-Human CD16	3G8	100 tests	R7-20005
cFluor® R720 Anti-Human CD38	HIT2	100 tests	R7-20061
cFluor® R720 Anti-Human CD56	5.1H11	100 tests	R7-20089
cFluor® R720 Anti-Human CD123	6H6	100 tests	R7-20013
cFluor® R720 Anti-Human Perforin	dG9	100 tests	R7-20103
cFluor® R780 Anti-Human CD4	SK3	100 tests	R7-20083
cFluor® R840 Anti-Human CD4	SK3	100 tests	R7-20165

# Normalized Full Spectrum Plot for Select cFluor® Reagents

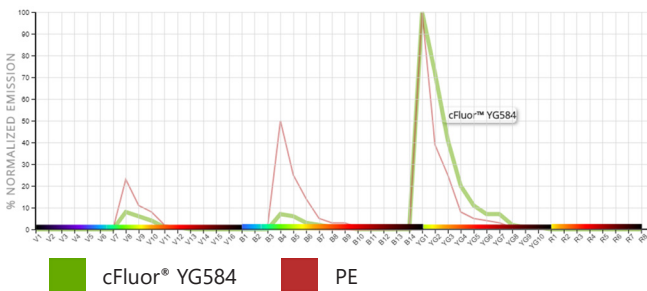


## cFluor® High Parameter Enablers

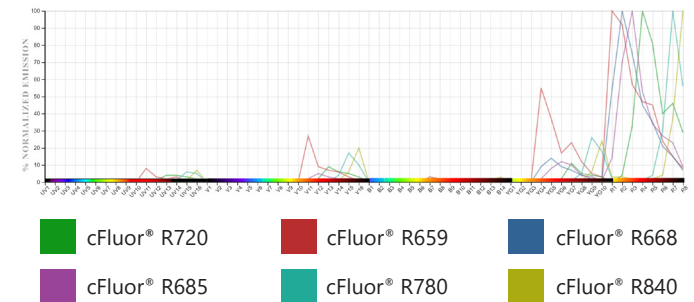
**cFluor® B532:** Works well with cFluor® B515 and cFluor® B548 in a panel.



**cFluor® YG584:** Utilized in immunophenotyping panels around the world, cFluor® YG584 is spectrally unique to PE and excited primarily by the YG laser.



**cFluor® R720:** Small molecule dye that is brighter than Alexa Fluor® 700.



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.

Cytek dye cFluor® R840 and its conjugates were developed, manufactured, and commercialized by BioLegend, Inc. under the trademark APC/Fire™ 810.

Find out more at [www.cytekbio.com/collections/reagents](http://www.cytekbio.com/collections/reagents)  
 Please contact sales@cytekbio.com for any questions  
 For Research Use Only. Not for use in diagnostic procedures.  
 © 2021-2022 Cytek Biosciences, Inc. All rights reserved. All trademarks are the properties of Cytek Biosciences, Inc. and its subsidiaries unless otherwise specified.

N9-20060 Rev. C  
 May 2022

