

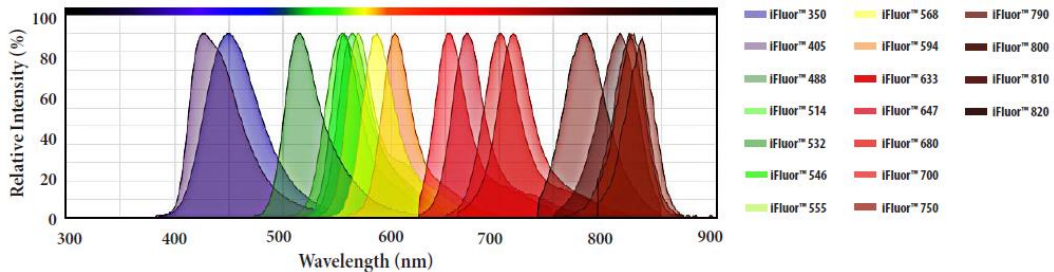


### CONJUGATION SERVICES

CBI produces and conjugates all of its own antibodies. Each antibody is rigorously validated specifically for flow cytometry applications in an ISO9001 / ISO 13485 certified facility. CBI conjugates **FITC; PE; PerCP; APC; Biotin; PerCP-Cyanine 5.5; PE- Cyanine 7, APC-Cyanine 7 and a variety of other fluorophores**. Recently, CBI has partnered with AAT Bioquest®, a producer of fluorescent labeling dyes to offer a unique high-performance solution for immunophenotyping and immunomonitoring. AAT Bioquest® fluorescent dyes are branded as iFluor™ and mFluor™ and more information can be found below. In addition, CBI has *custom antibody development* and *custom production* capabilities.

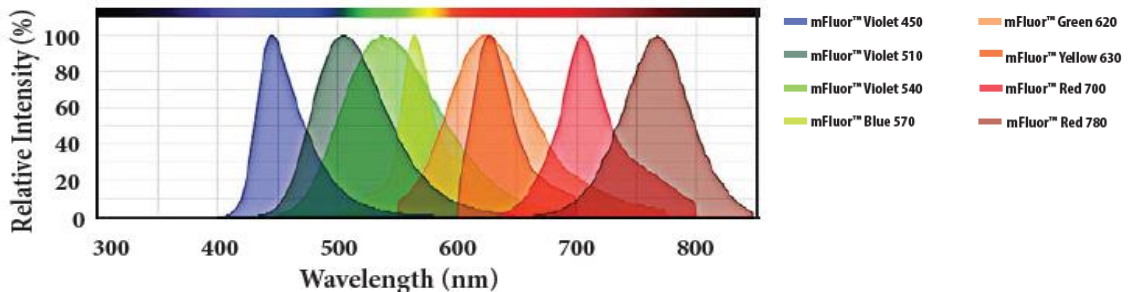
#### iFluor™ Dyes

iFluor™ dyes span the full UV-visible-IR spectrum. iFluor™ dyes have improved labeling performance compared to the classic fluorescent labeling dyes such as FITC, TRITC, Texas Red® and cyanine dyes. iFluor™ 488 has spectral properties essentially identical to Alexa Fluor® 488. iFluor™ 488 conjugates are prepared using a highly purified single rhodamine isomer which significantly improves their lot to lot consistency. iFluor™ 647 dyes are spectrally similar to Alexa Fluor® 647 and DyLight™ 650 dyes.



#### mFluor™ Dyes

mFluor™ dyes span the full UV-visible spectrum and designed to be maximally excited by one of the major light sources in flow cytometers such as the violet laser at 405 nm or blue laser at 488 nm. They are excellent alternatives to the phycoprotein-based tandems that are quite difficult to couple to an antibody or other biomolecules. mFluor™ Violet 450 dyes can replace Pacific Blue® dyes and mFluor™ Violet 540 dyes can replace Pacific Orange® and Krome Orange™ dyes because of their nearly identical spectral properties.





# Caprico Biotechnologies

## EXPLORE CAPRICO'S 22 CONJUGATIONS PANEL

### Custom Antibody Labeling Request Form

#### Customer information

Name:			
Institute:			
Address:			
Phone:		Email:	

#### Sample Information

Antibody name/code:				Host and specificity:	
Isotype	<input type="checkbox"/> IgG1,k	<input type="checkbox"/> IgG2a,k	<input type="checkbox"/> IgG2b,k	<input type="checkbox"/> IgM,k	<input type="checkbox"/> others
Application	<input type="checkbox"/> FLOW	<input type="checkbox"/> Microscopy	<input type="checkbox"/> microplate	<input type="checkbox"/> others	
Amount:	mg/ml in	ml	Buffer		

#### Label Selection

iFluor/Alexa Fluor dyes	(450, 540, 488, 594, 647, 680, 700, 750, 790)						
Other labels	<input type="checkbox"/> FITC	<input type="checkbox"/> PE	<input type="checkbox"/> APC	<input type="checkbox"/> PerCP	<input type="checkbox"/> PE-Cy7	<input type="checkbox"/> PerCP-Cy5.5	<input type="checkbox"/> Biotin
	<input type="checkbox"/> APC-Cy7	<input type="checkbox"/> PE-Cy5	<input type="checkbox"/> PE-iFluor594	<input type="checkbox"/> APC-iFluor700	<input type="checkbox"/> HRP	<input type="checkbox"/> AP	
Storage buffer	<input type="checkbox"/> PBS, pH7.4, 0.09% NaN3		<input type="checkbox"/> PBS, pH7.4, 0.09%NaN3, 2mg/ml BSA		<input type="checkbox"/> other		

### CONTACT US TODAY FOR ADDITIONAL INFORMATION

\* iFluor/mFluor is a trademark of AAT Bioquest. The excitation and emission profile of iFluor is similar to Alexa® Fluor. mFluor™450 is an alternative to Pacific Blue, mFluor™540 is an alternative to Pacific Orange.

\*\*Additional colors such as PE-iFluor™594, PE-Cyanine5, APC- iFluor™700, APC- iFluor™750 and APC-Cyanine7 will be available soon.

Caprico Biotechnologies, Inc. • 400 Pinnacle Way, STE 430 • Norcross, GA, 30071 • 678-691-2143

www.capricobio.com • info@capricobio.com

ISO9001:2015 & ISO13485:2016 Certified

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