FLOW CYTOMETRY SELECTION GUIDE

mFlor"UV375 350 351 362 6 mFlor"UV400 350 353 421 1 mFlor"UV400 350 358 456 4 mFlor"UV520 350 503 524 1 mFlor"UV520 350 503 524 1 mFlor"UV50 350 503 524 1 mFlor"UV50 350 503 524 1 mFlor"W04150 405 404 455 6 Psclir.Blue" 405 404 455 6 mFlor"Wolet 500 405 404 475 1 mFlor"Wolet 500 405 401 501 5 mFlor"Wolet 500 405 402 553 2 mFlor"Wolet 500 405 402 553 2 mFlor"Wolet 500 405 402 551 3 mFlor"Wolet 500 405 402 520 2 3 mFlor"Wolet 500 <	Fluorophore	Laser	Ex (nm)	Em (nm)	Brightness
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mFluor™Blue 5704885055643PE48856657410mFluor™Blue 5804884855801mFluor™Blue 5904885695893PE-iFloro* 5944885666069PE-texas Red®4885676159mFluor™Blue 6204885896163mFluor™Blue 6304884706321mFluor™Blue 6604885656669PE-cy54885656669PE-Cy54885656719PE-Cy74885667789PE-IFLor® 7504885667789	iFluor® 488	488	491	516	8
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PE-Texas Red®4885676159mFluor™ Blue 6204885896163mFluor™ Blue 6304884706321mFluor™ Blue 6604884816631PE-Cy54885656669PE-Cy5.566699PE-Cy74885667789PE-IFluor® 7504885667789	mFluor™ Blue 590	488	569	589	3
mFluor™ Blue 6204885896163mFluor™ Blue 6304884706321mFluor™ Blue 6604884816631PE-Cy54885656669PE-Cy5.54885656719PE-Cy74885667789PE-iFluor® 7504885667789	PE-iFluor® 594	488	566	606	9
mFluor™Blue 6304884706321mFluor™Blue 6604884816631PE-Cy54885656669PE-Cy5.54885656719PE-Cy74885667789PE-iFluor® 7504885667789	PE-Texas Red®	488	567	615	9
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PE-Cy5 488 565 666 9 PE-Cy5.5 488 565 671 9 PE-Cy7 488 566 778 9 PE-iFluor® 750 488 566 778 9	mFluor™ Blue 630	488	470	632	1
PE-Cy5.5 488 565 671 9 PE-Cy7 488 566 778 9 PE-iFluor® 750 488 566 778 9	mFluor™ Blue 660	488	481	663	1
PE-Cy7 488 566 778 9 PE-iFluor® 750 488 566 778 9	PE-Cy5	488	565	666	9
PE-iFluor® 750 488 566 778 9	PE-Cy5.5	488	565	671	9
	PE-Cy7	488	566	778	9
mEluor™ Green 620 532 525 622 1	PE-iFluor® 750	488	566	778	9
1111doi Gicerrozo 352 323 023 1	mFluor™ Green 620	532	525	623	1
iFluor® 532 537 560 7	iFluor® 532	532	537	560	7
TRITC 532 540 565 7	TRITC	532	540	565	7

Fluorophore	Laser	Ex (nm)	Em (nm)	Brightness
mFluor™ Green 630	532	537	657	1
Суз	561	554	568	4
Texas Red®	561	586	603	4
APC	640	651	660	9
Cy5	640	650	669	7
iFluor® 647	640	656	670	6
Cy5.5	640	683	703	5
mFluor™ Red 780	640	629	767	2
APC-Alexa Fluor® 750	640	650	774	7
APC-iFluor® 750	640	651	780	8
Cy7	640	754	778	2
APC-Cy7	640	651	779	7

* Brightness scale is 1 (dimmest) to 10 (brightest), as a comparison of all included dyes. Brightness is computed as a function of extinction coefficient and quantum yield. Actual performance will vary due to instrumentation settings. Guide above was developed on a Cytek flow cytometer.

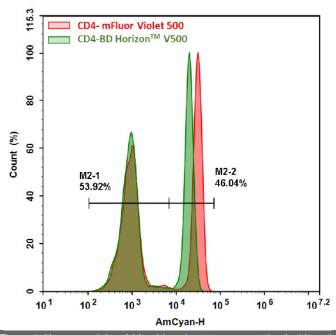


Figure 1. Human peripheral blood lymphocytes were stained with anti-Human CD4 (clone SK3, mouse IgG1, κ) conjugate prepared with mFluor Violet 500 (Cat# 1149) or BD HorizonTM V500. The fluorescence signal was monitored using ACEA NovoCyte flow cytometer in AmCyan channel.

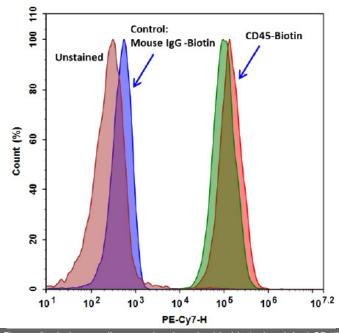


Figure 2. Jurkat cells were incubated with biotinylated-Anti-CD45 followed by Streptavidin-PE/Cy7 stain. Blue: Control Red: Streptavidin-PE/Cy7 prepared with PE/Cy7 Tandem Green: Streptavidin-PE/Cy7 (products of Company B)

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