

This table provides general guidance with respect to the relative capability of different fluorochromes to resolve low expression antigens. Rankings are determined by comparing the stain index (resolution) of cells stained with multiple formats of several clones with different specificities analyzed on a variety of flow cytometers. Many factors can influence the performance of a fluorochrome/reagent, including laser power, PMT voltage, optical filters, antibody clone and staining protocol.

## Fluorochrome

		Very Bright 4/4	Bright 3/4	Moderate 2/4	Dim 1/4
<b>Laser</b>	<b>Ultraviolet</b> (355 nm)		BD Horizon™ BUV563 BD Horizon™ BUV615 BD Horizon™ BUV661 BD Horizon™ BUV737	BD Horizon™ BUV395 BD Horizon™ BUV496	BD Horizon™ BUV805
	<b>Violet</b> (405 nm)	BD Horizon™ BV421 BD Horizon™ BV650 BD Horizon™ BV711	BD Horizon™ BV480 BD Horizon™ BV605 BD Horizon™ BV786	BD Horizon™ BV510 BD Horizon™ BV750	BD Horizon™ V450 BD Horizon™ V500
	<b>Blue</b> (488 nm)	BD Horizon™ BB515 BD Horizon™ BB700 BD Horizon™ RB613 BD Horizon™ PE-CF594 PE-Cy5 BD Horizon™ RB705 BD Horizon™ RB744 BD Horizon™ RB780	PE PE-Cy7	FITC Alexa Fluor™ 488 BD Horizon™ RB545 PerCP-Cy5.5	PerCP
	<b>Yellow/Green</b> (561 nm)	PE BD Horizon™ PE-CF594 PE-Cy5 PE-Cy7 BD Horizon™ RY586 BD Horizon™ RY703 BD Horizon™ RY775	BD Horizon™ RY610		
	<b>Red</b> (640 nm)		APC Alexa Fluor™ 647 BD Horizon™ APC-R700 BD Horizon™ R718		Alexa Fluor™ 700 APC-H7 APC-Cy7

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