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Reportable Populations (Summary)

We validated a 12-color, 3-tube (stain/lyse/wash) flow cytometry assay for quantitative assessment of CD123 expression in bone marrow aspirates (BMA) on BD FACSLyric™ instrument. The assay incorporates a fluorescence-minus-one (FMO) control and bead-based calibration to enable standardized quantification of CD123 using molecules of equivalent soluble fluorochrome (MESF).

VIOLET 405 NM		5	BLUE 488 NM		4	RED 640 NM		3
CD45	V450	HL30	CD24	FITC	ML5	CD11b	APC	D12
Viability	eFluor 506	—	CD123	PE	6H6	CD34	APC-R700	8G12
CD38	BV605	HB-7	CD2/7/56	PerCP-Cy5.5	3 clones*	CD14	APC-Cy7	MΦP9
CD33	BV711	WM-53	CD117	RB780	YB5.B8			
HLA-DR	BV785	L243						

