FIGURE 1

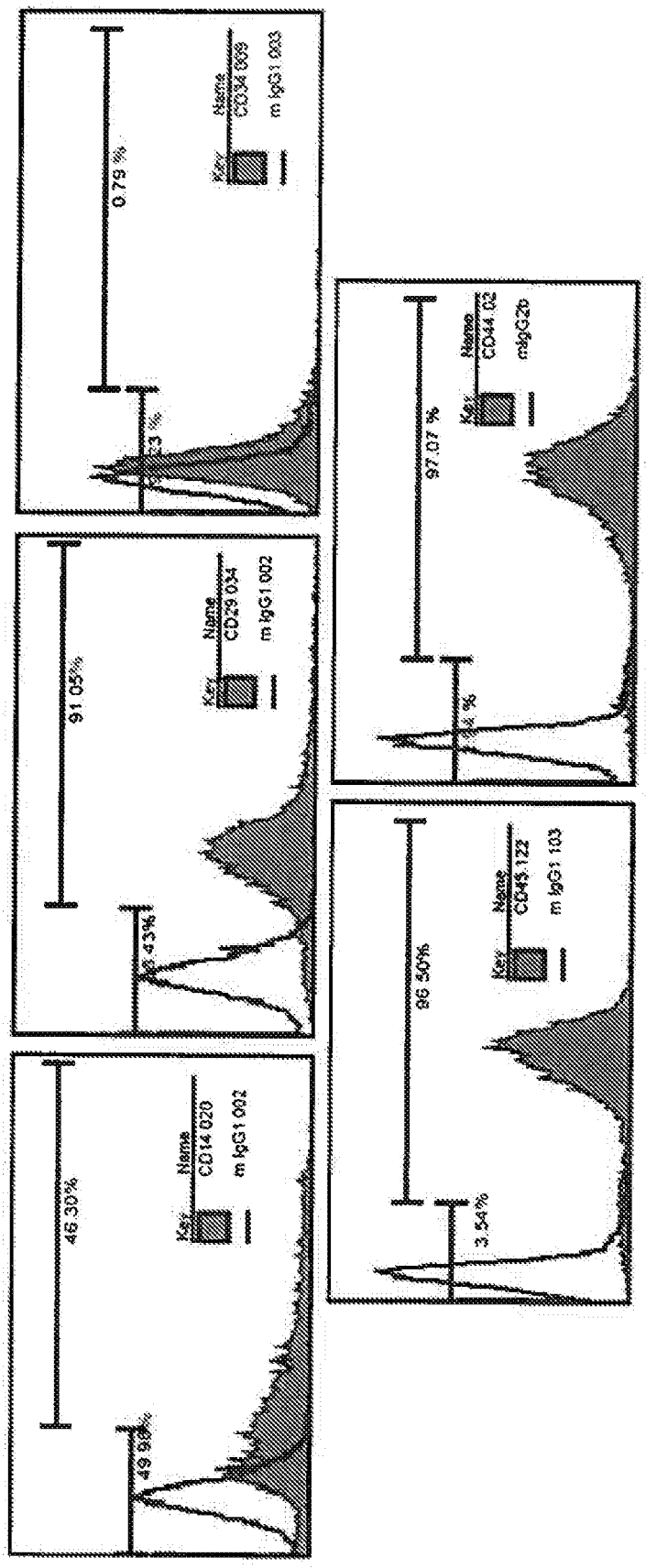

Key
Name
CD34 009
m IgG1 003
0.79 %
Key
Name
CD29 034
m IgG1 002
91.05%
3.43%
Key
Name
CD44.02
mIgG2b
97.07 %
Key
Name
CD14 020
m IgG1 002
46.30%
Key
Name
CD45.122
m IgG1 103
86.50%
3.54%

FIGURE 2

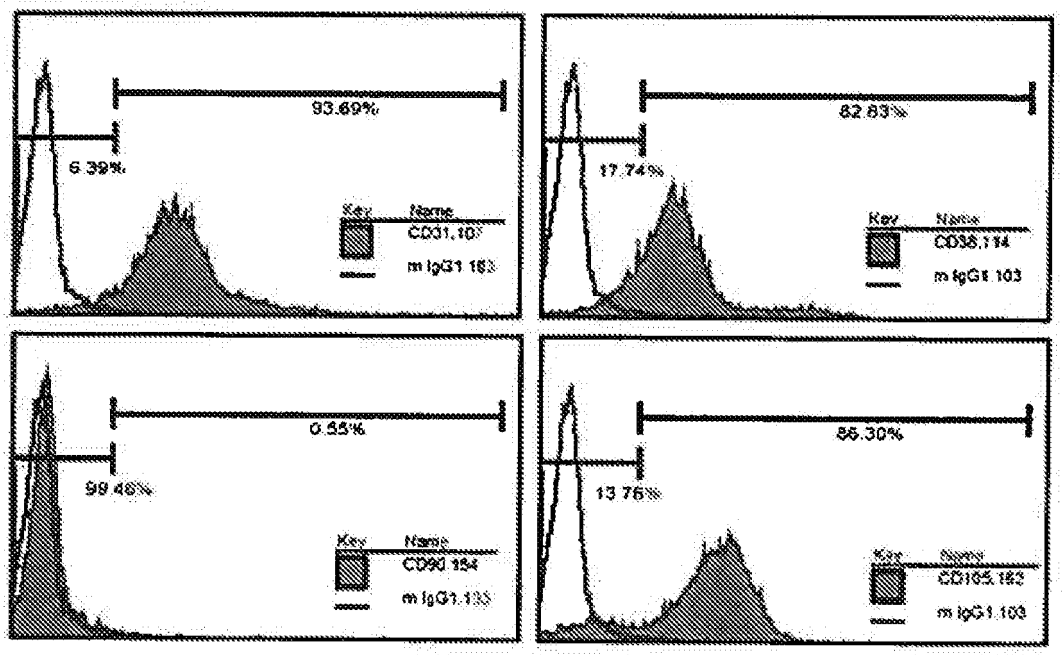

93.69%
6.39%
Key Name
CD31.107
m IgG1 183
82.83%
17.74%
Key Name
CD38.114
m IgG1 103
0.55%
99.46%
Key Name
CD90 154
m IgG1 133
86.30%
13.76%
Key Name
CD105.182
m IgG1 103

FIGURE 3

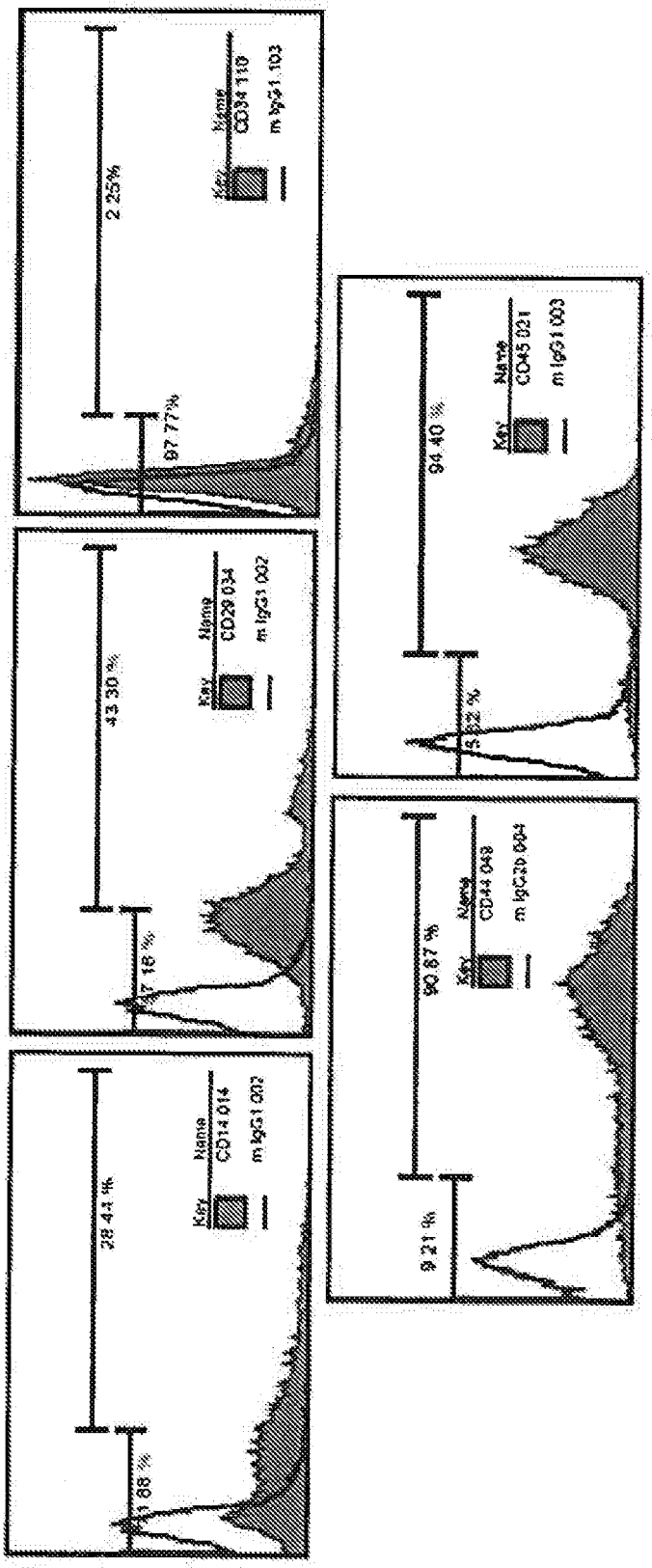

2 25%
97 77%
Key
Name
CD34 116
m IgG1 103
43 30 %
7 18 %
Key
Name
CD29 034
m IgG1 002
28 44 %
1 88 %
Key
Name
CD14 014
m IgG1 002
94 40 %
5 82 %
Key
Name
CD45 021
m IgG1 003
90 87 %
9 21 %
Key
Name
CD44 048
m IgG2b 004

FIGURE 4

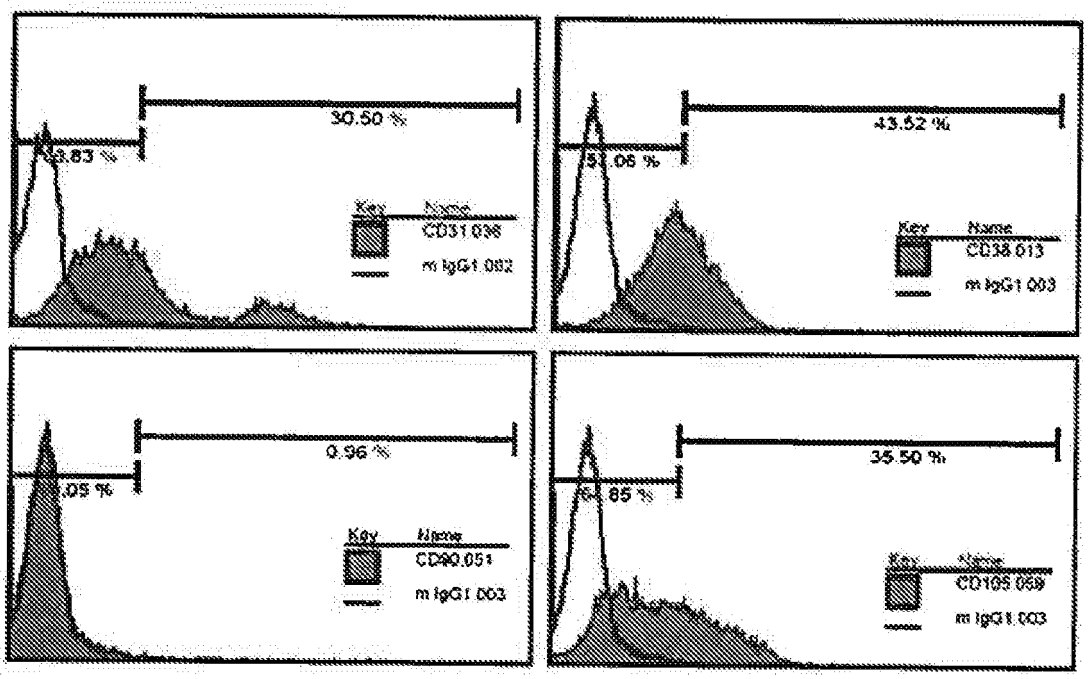

30.50 %
43.52 %
0.96 %
35.50 %
Key Name
CD31.036
m IgG1.082
CD38.013
m IgG1.003
CD90.051
m IgG1.003
CD105.059
m IgG1.003

FIGURE 5

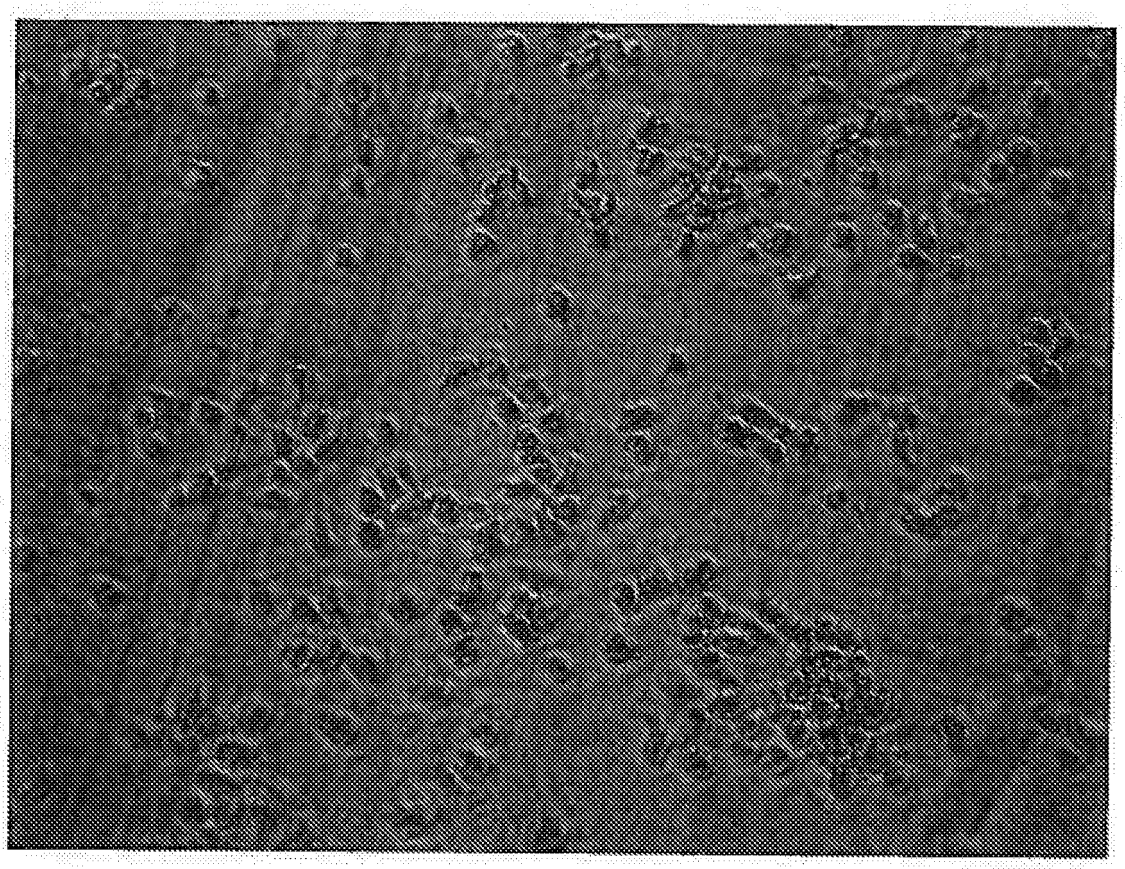


FIGURE 6

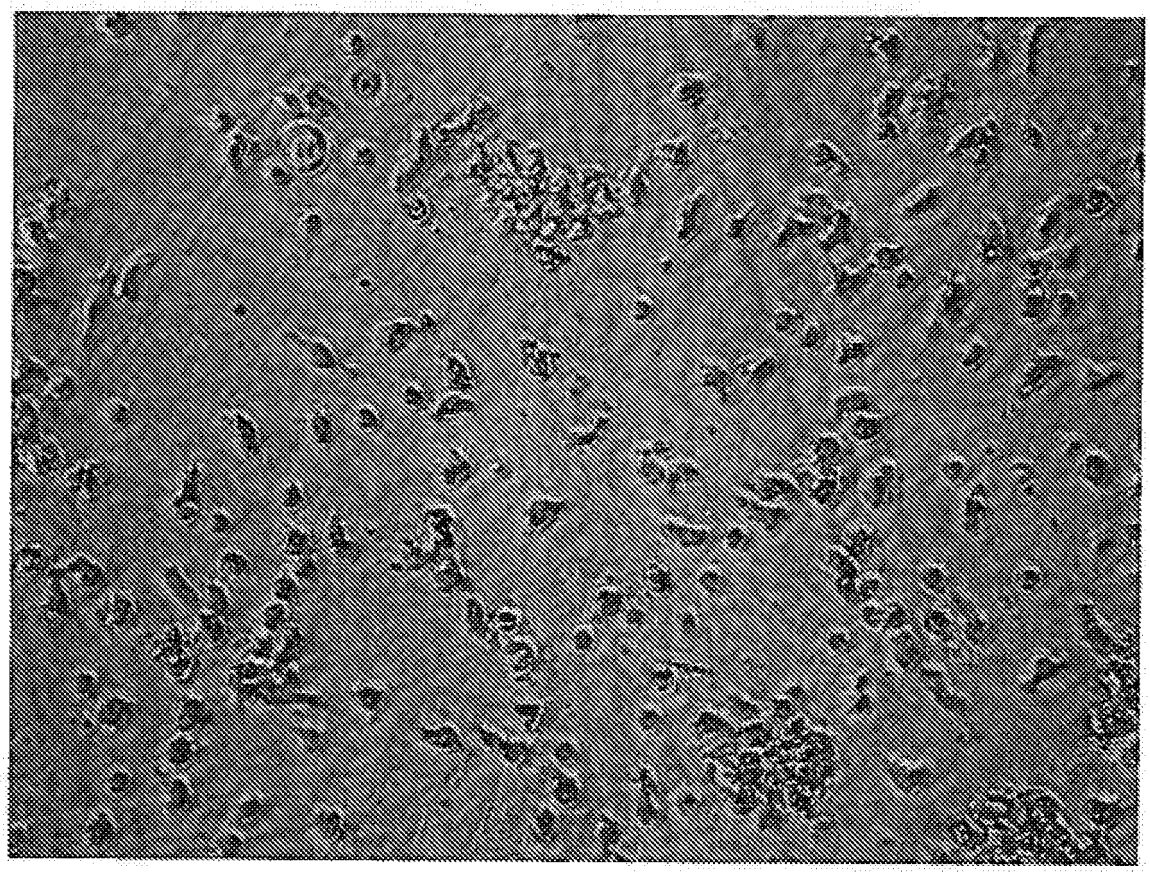


FIGURE 7

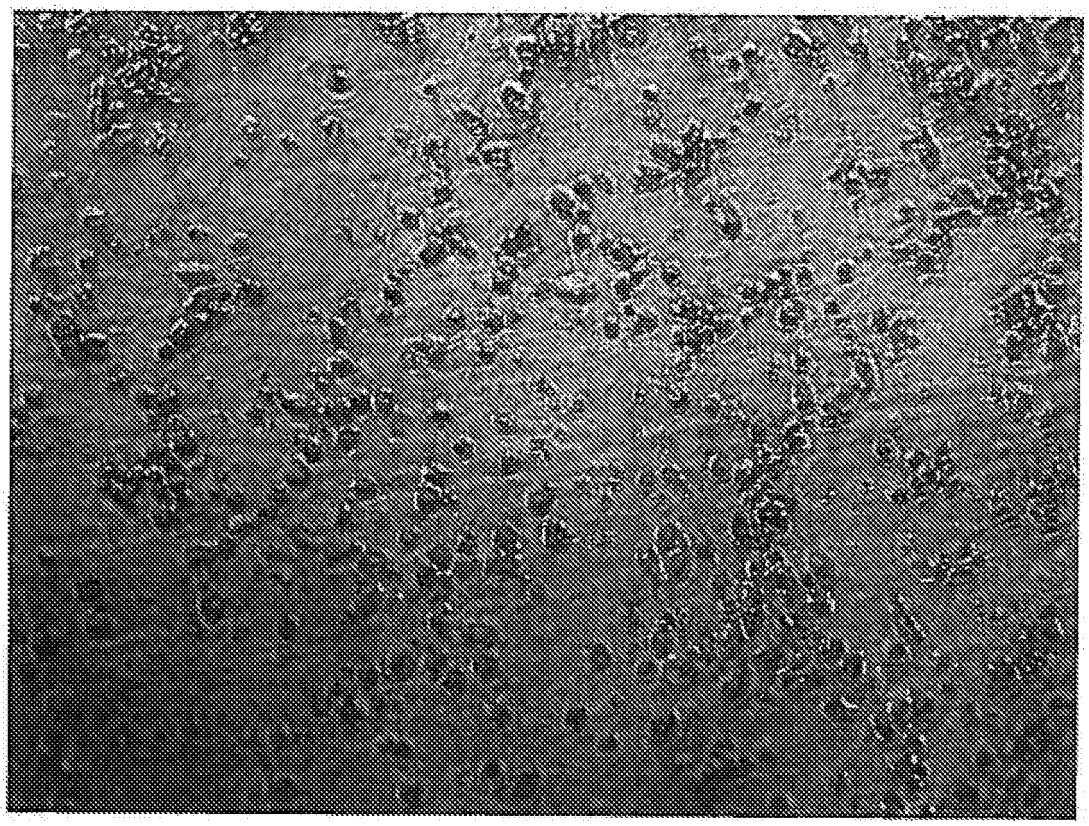


FIGURE 8



FIGURE 9

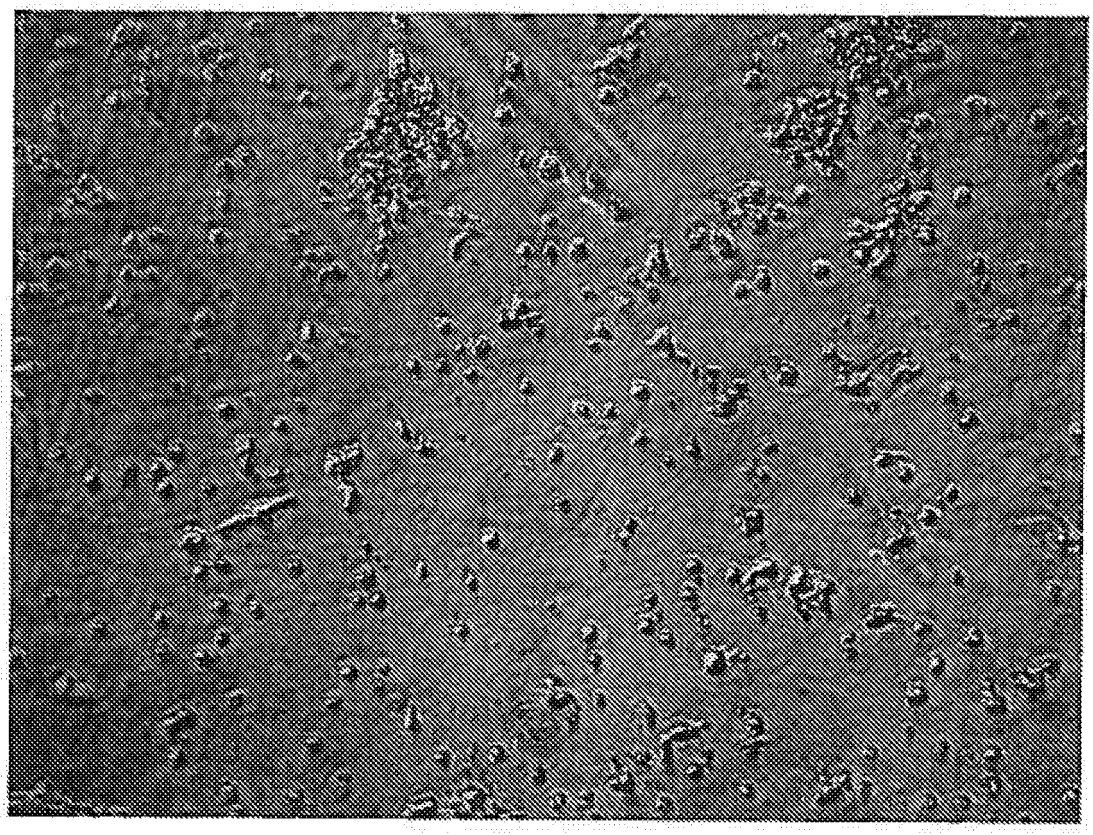


FIGURE 10

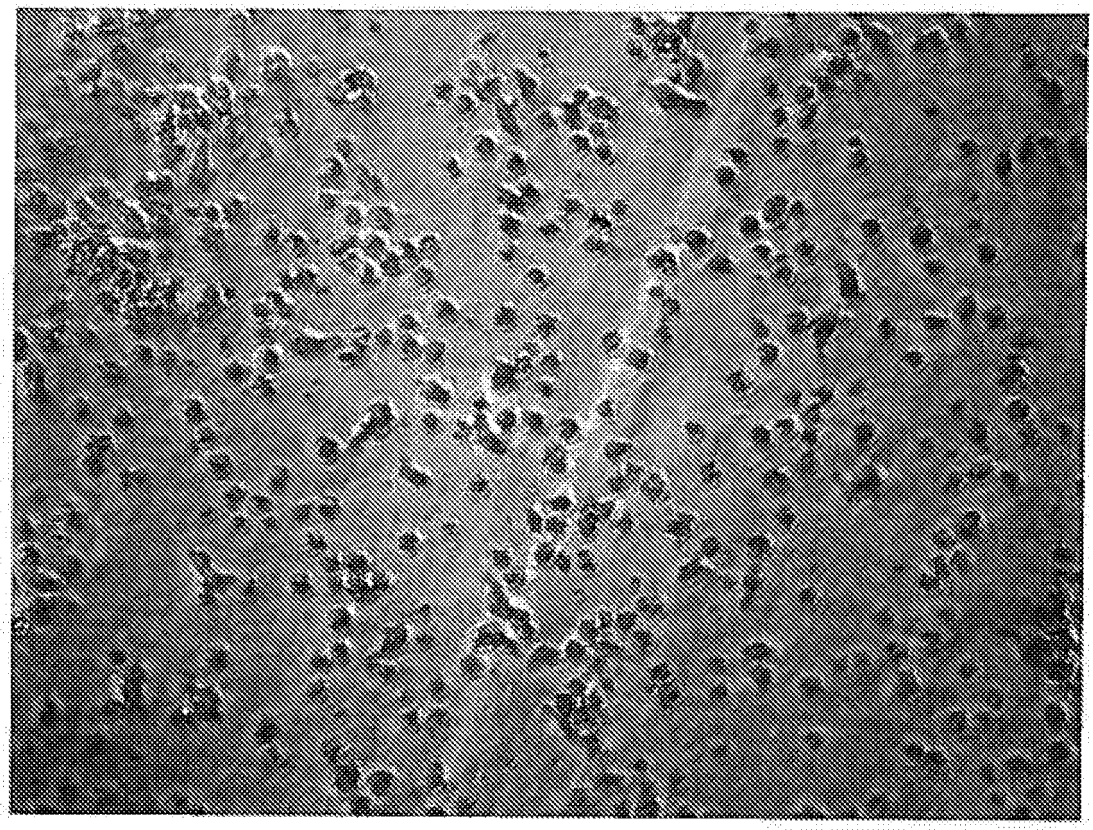


FIGURE 11

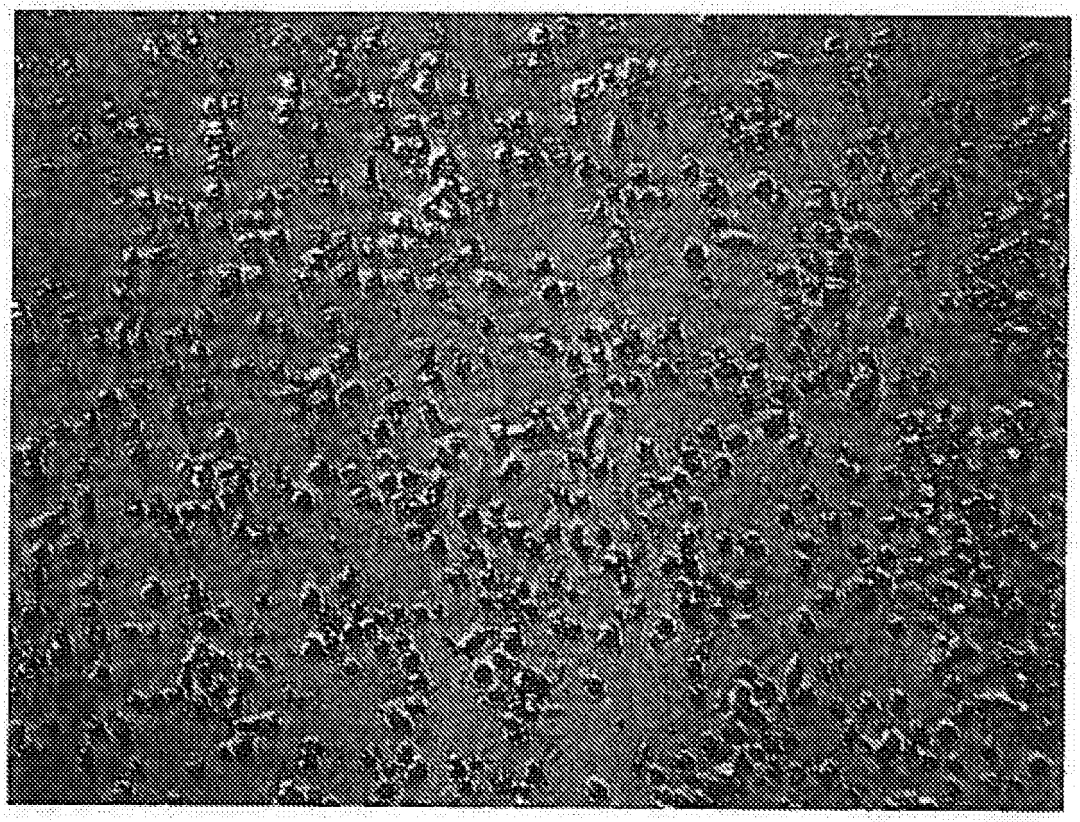


FIGURE 12

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

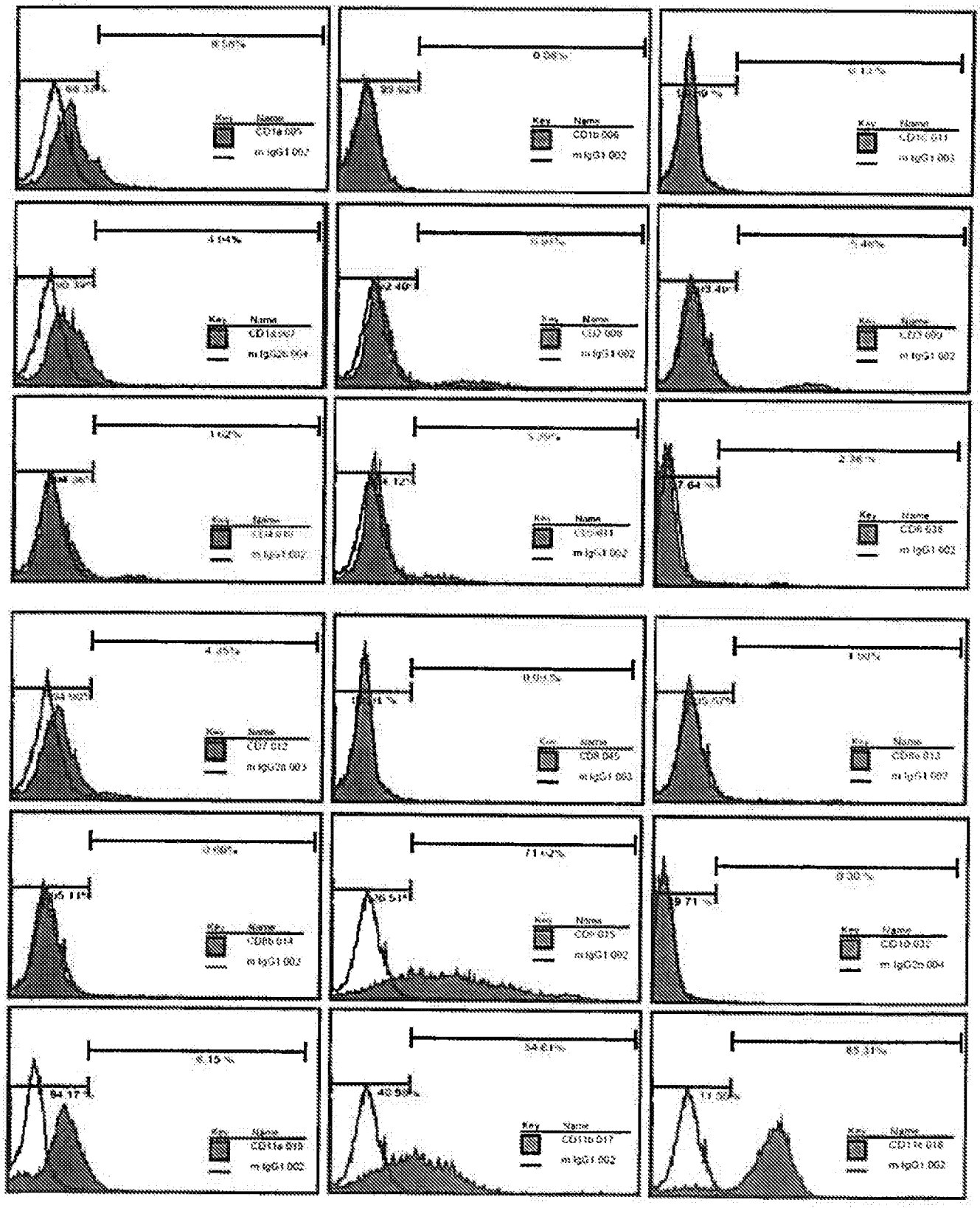


FIGURE 12 continued

➢ $CD14^+$ PBMCs by Flow Cytometry Analysis

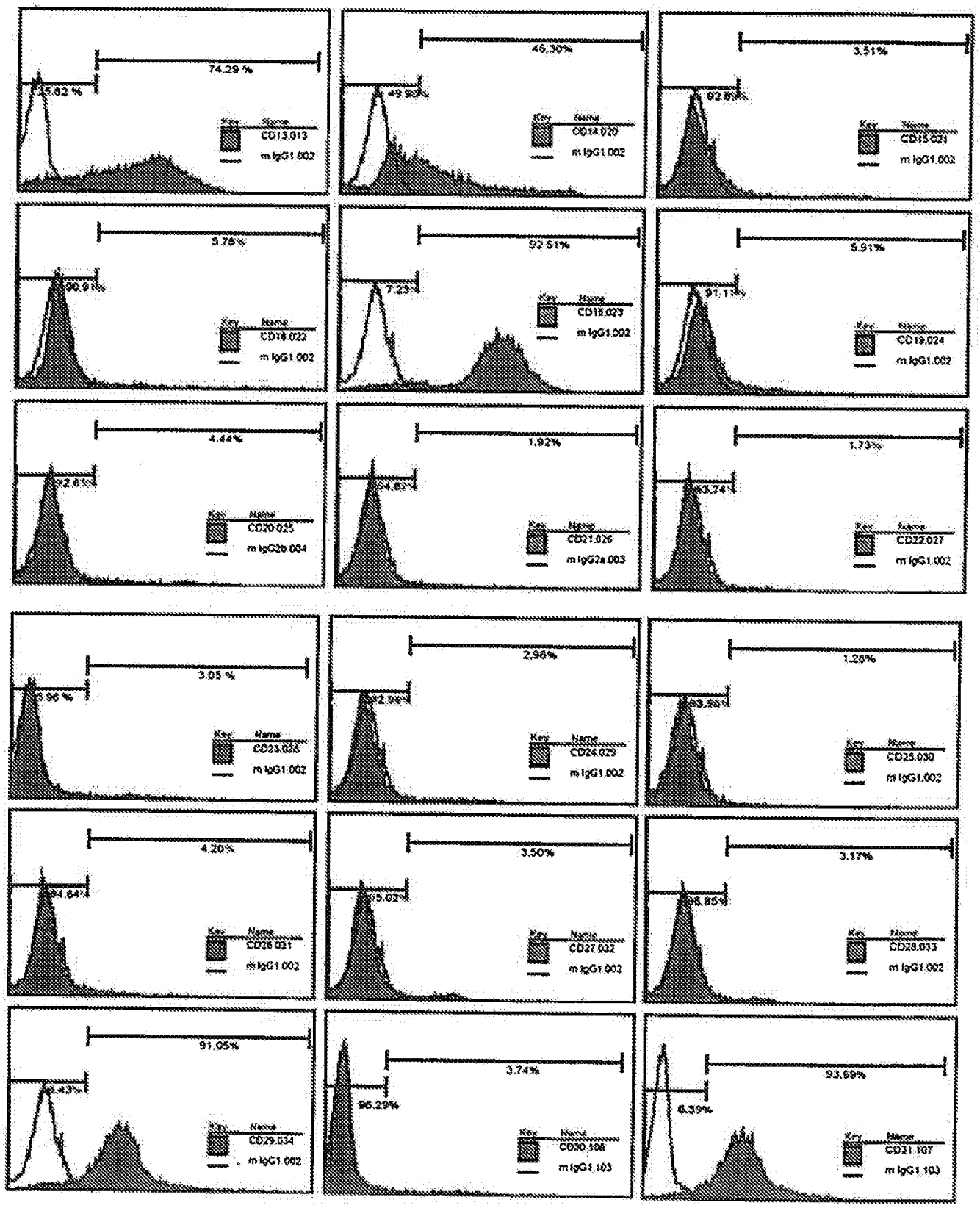


FIGURE 12 continued

➢ $CD14^+$ PBMCs by Flow Cytometry Analysis

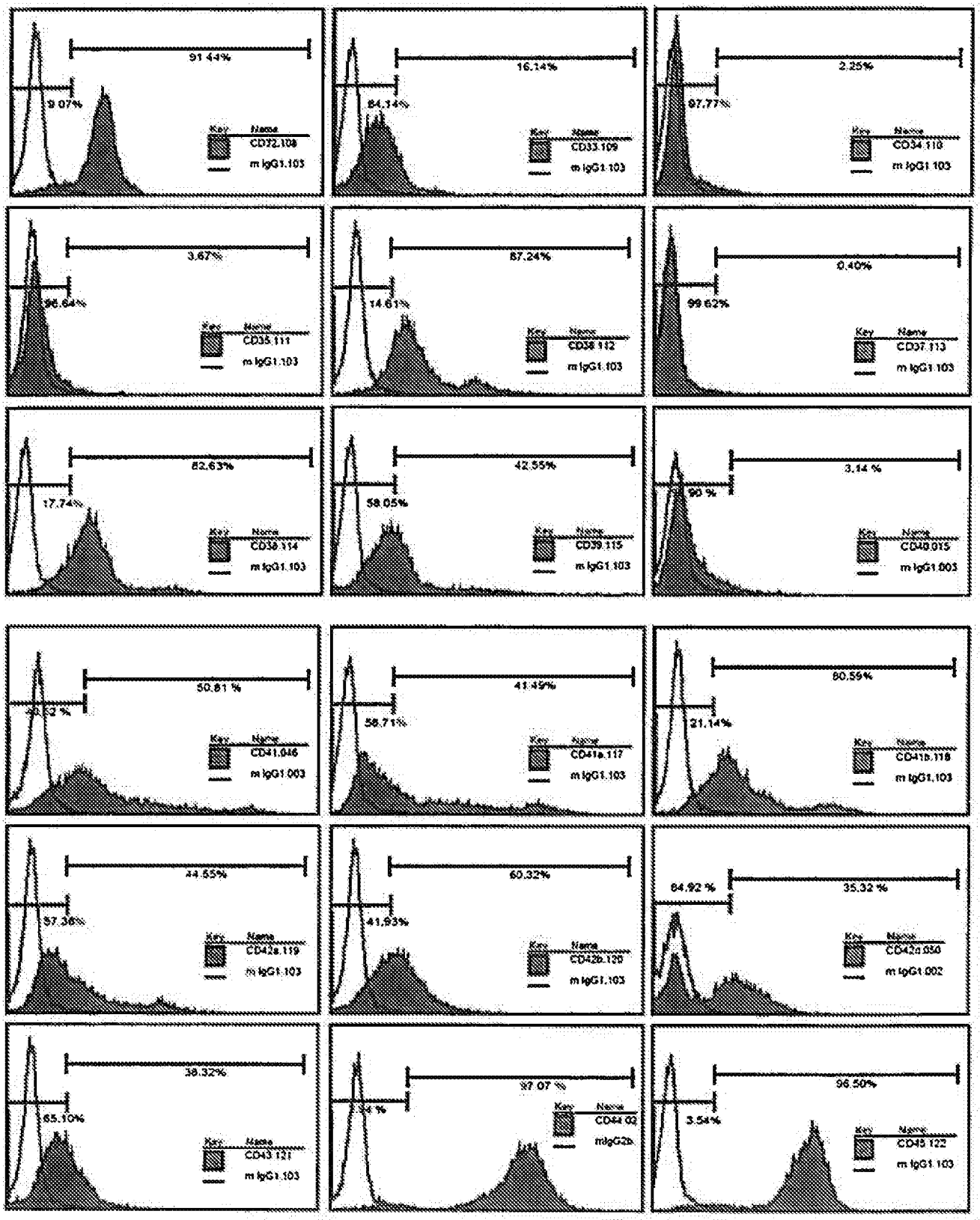


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

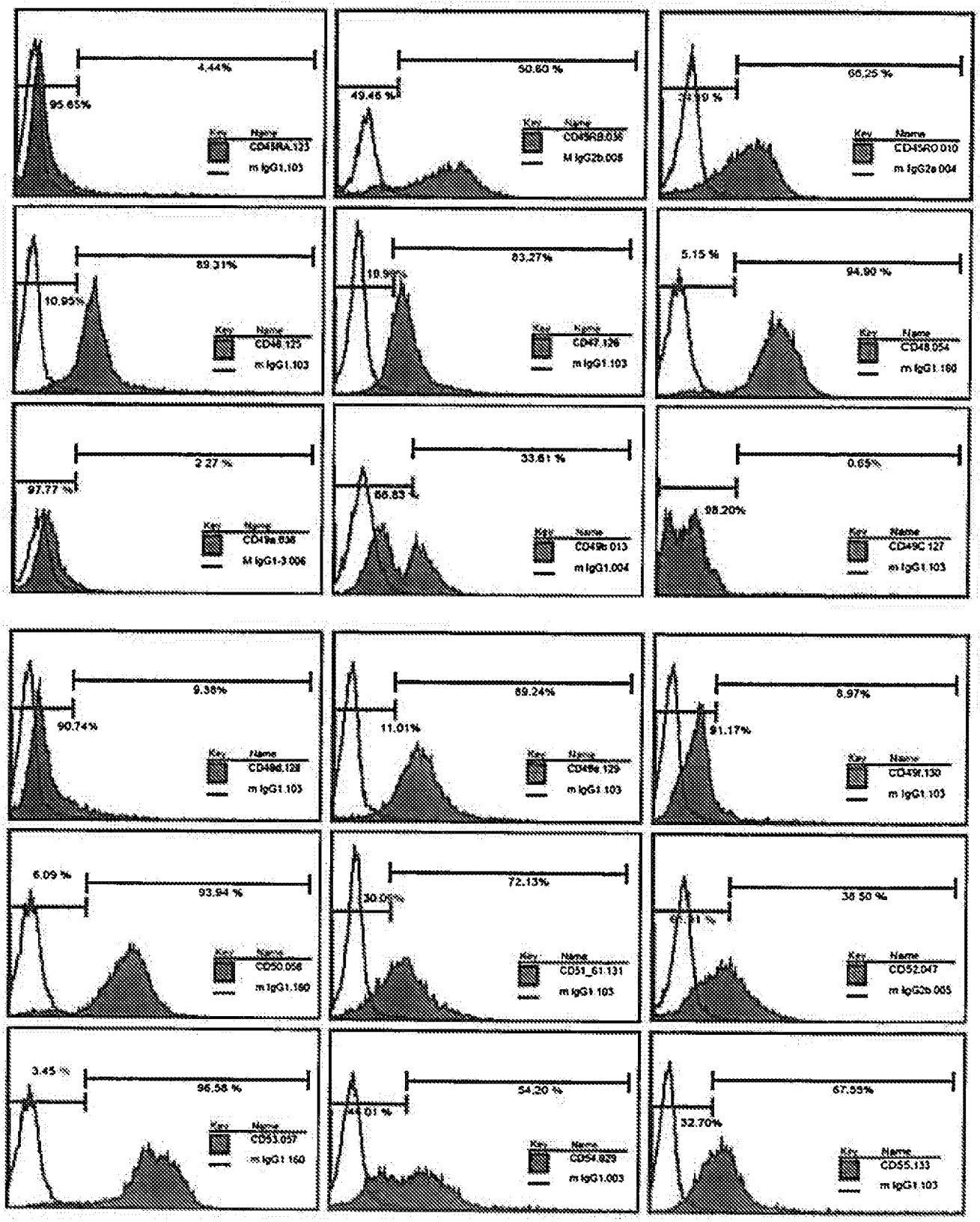


FIGURE 12 continued

➢ $CD14^+$ PBMCs by Flow Cytometry Analysis

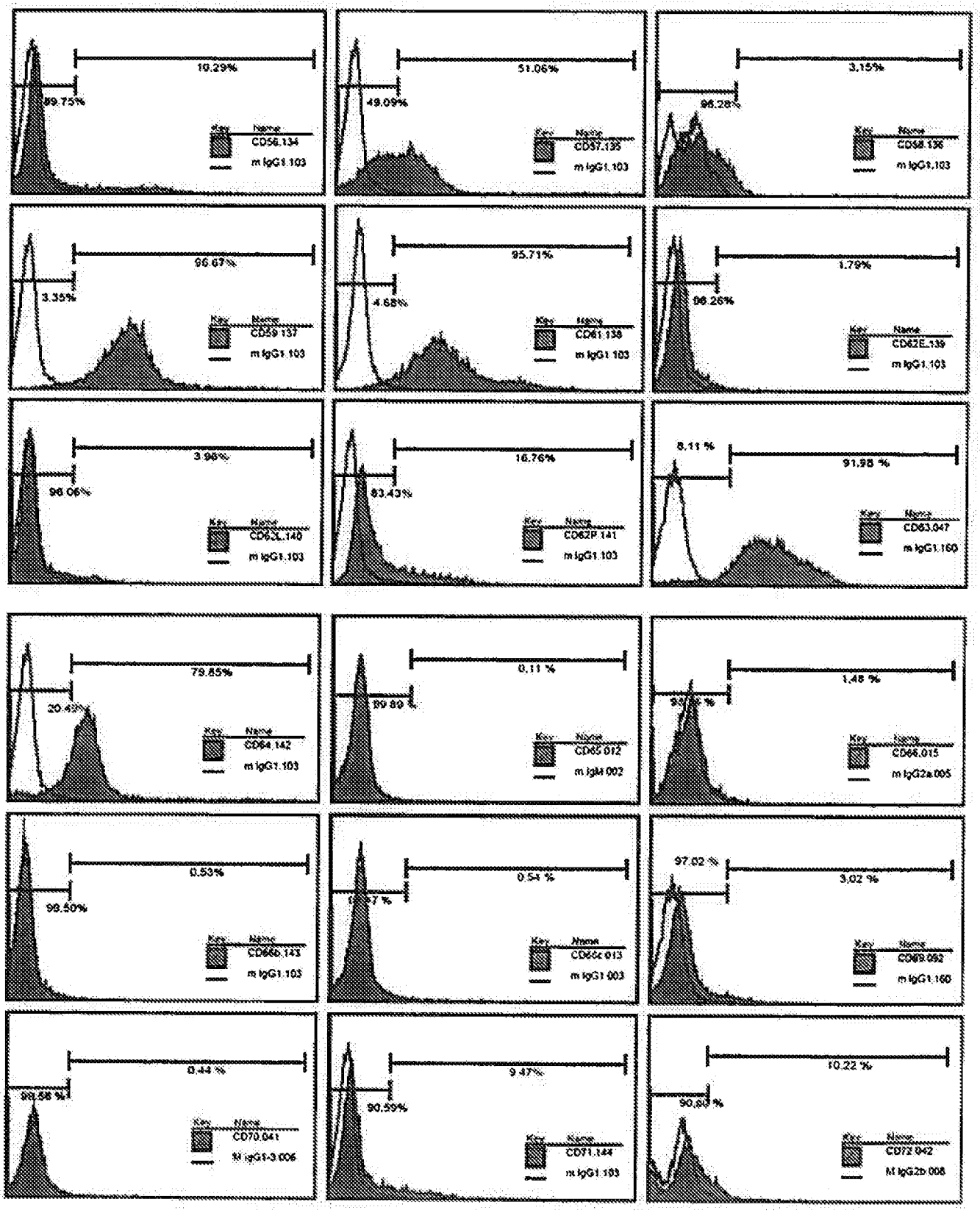


FIGURE 12 continued

➢ $CD14^{+}$ PBMCs by Flow Cytometry Analysis

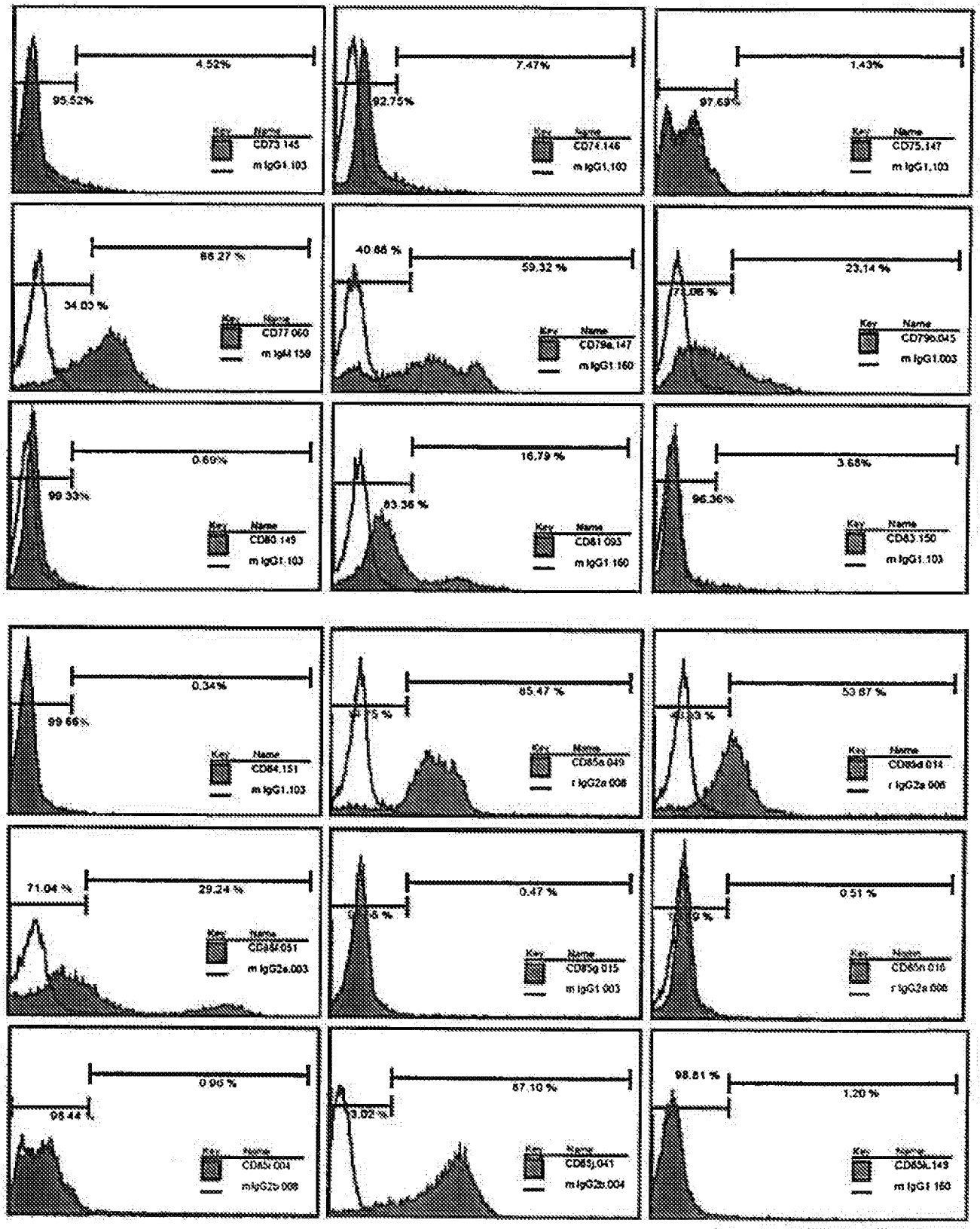


FIGURE 12 continued

➢ $CD14^+$ PBMCs by Flow Cytometry Analysis

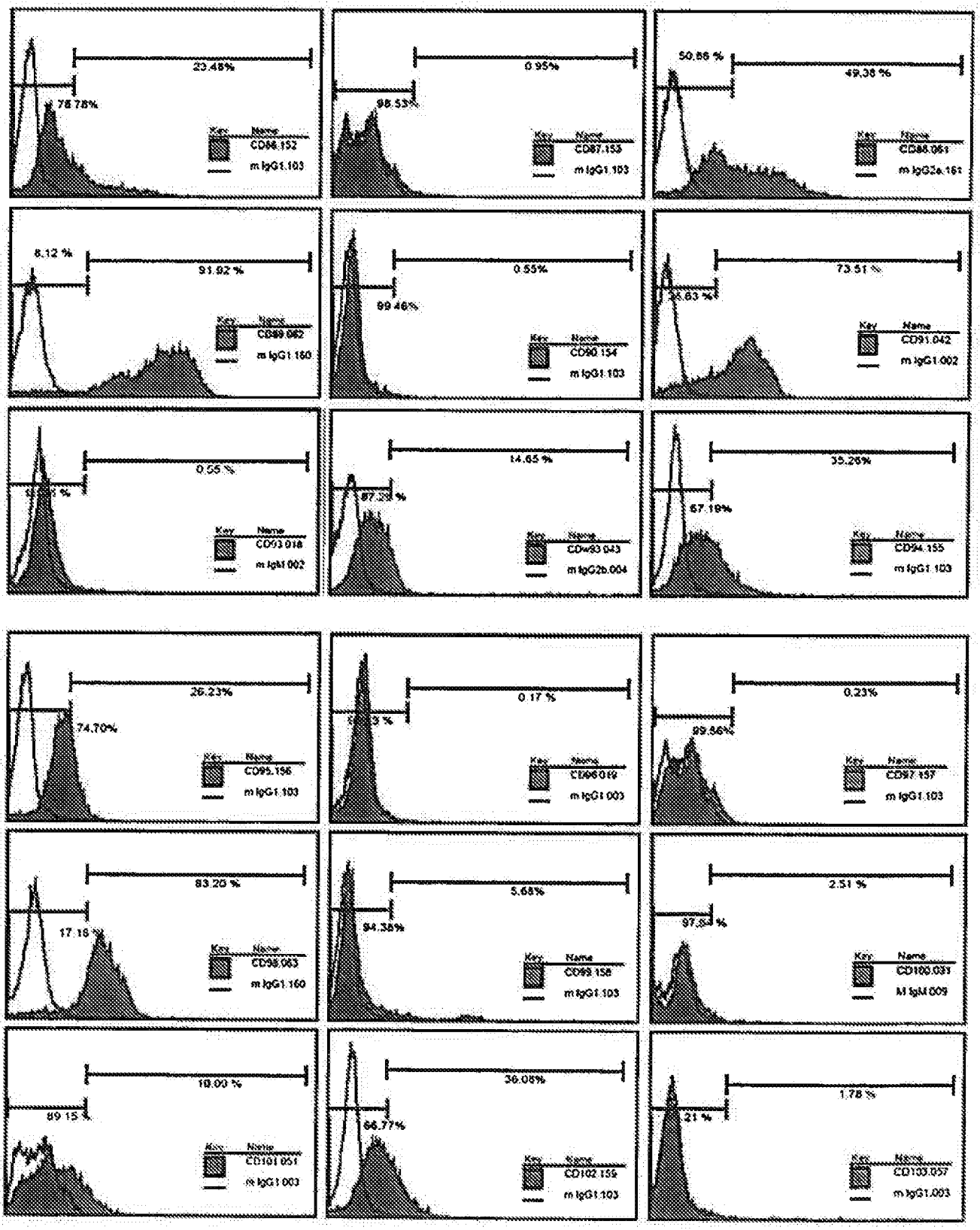


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

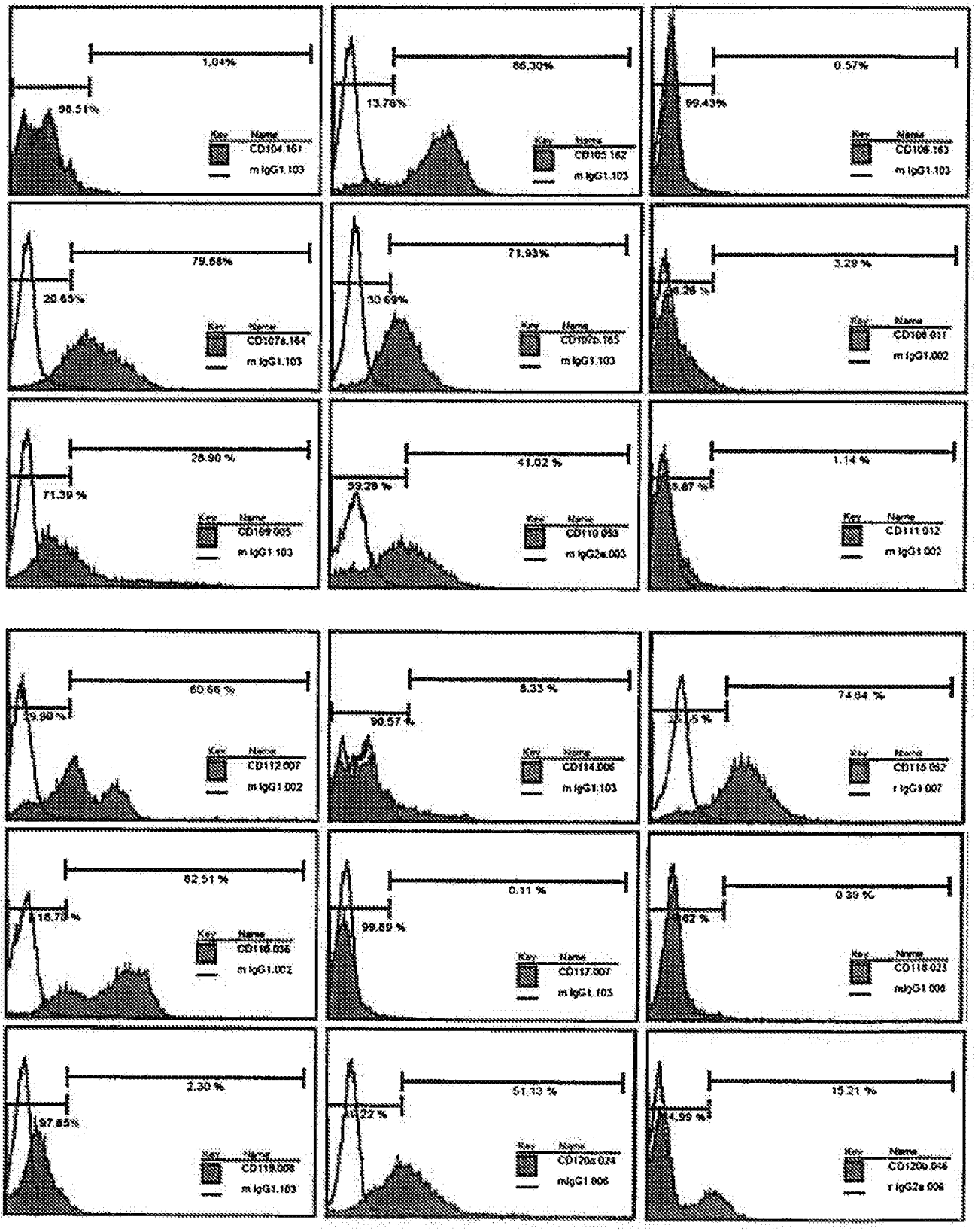


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

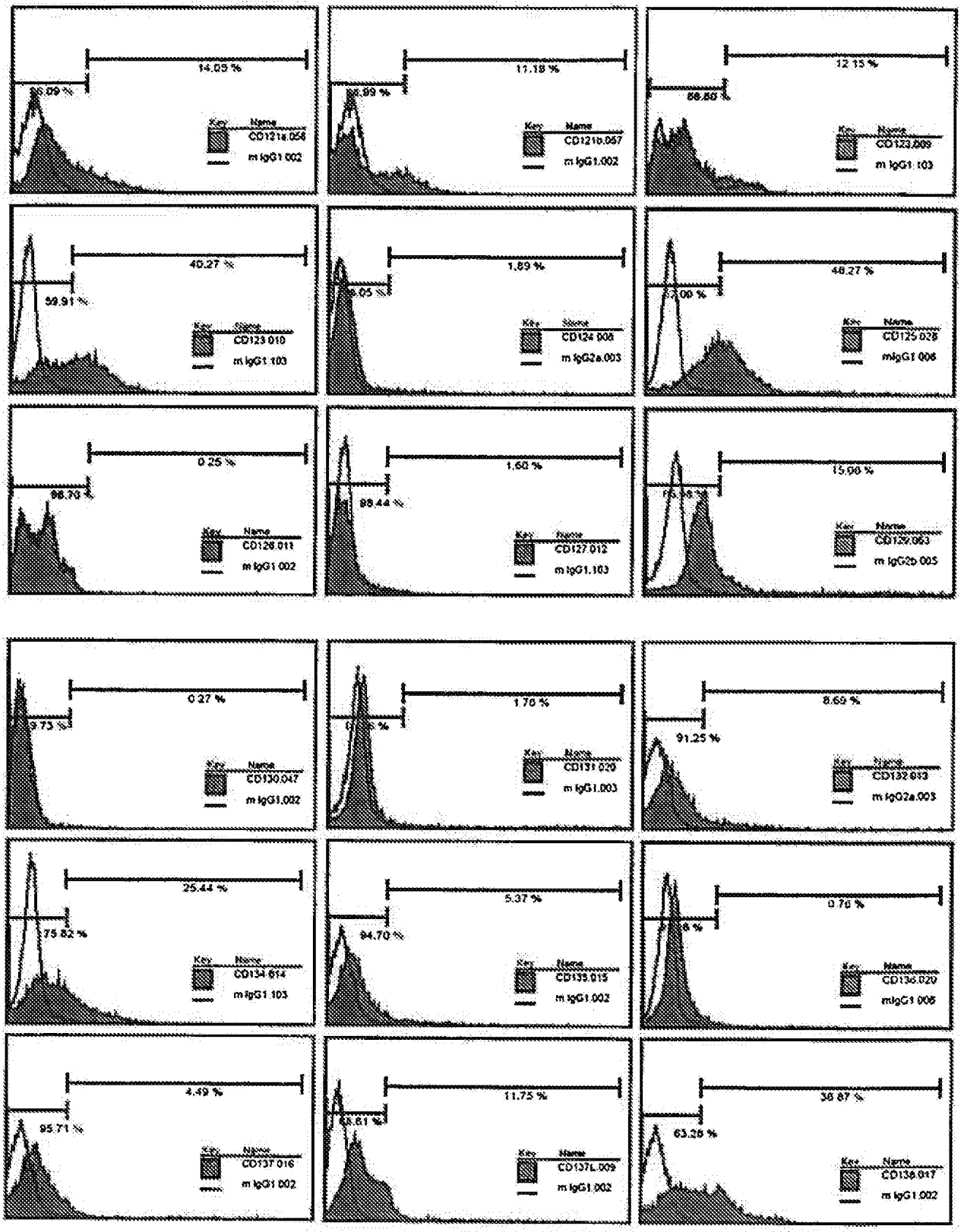


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

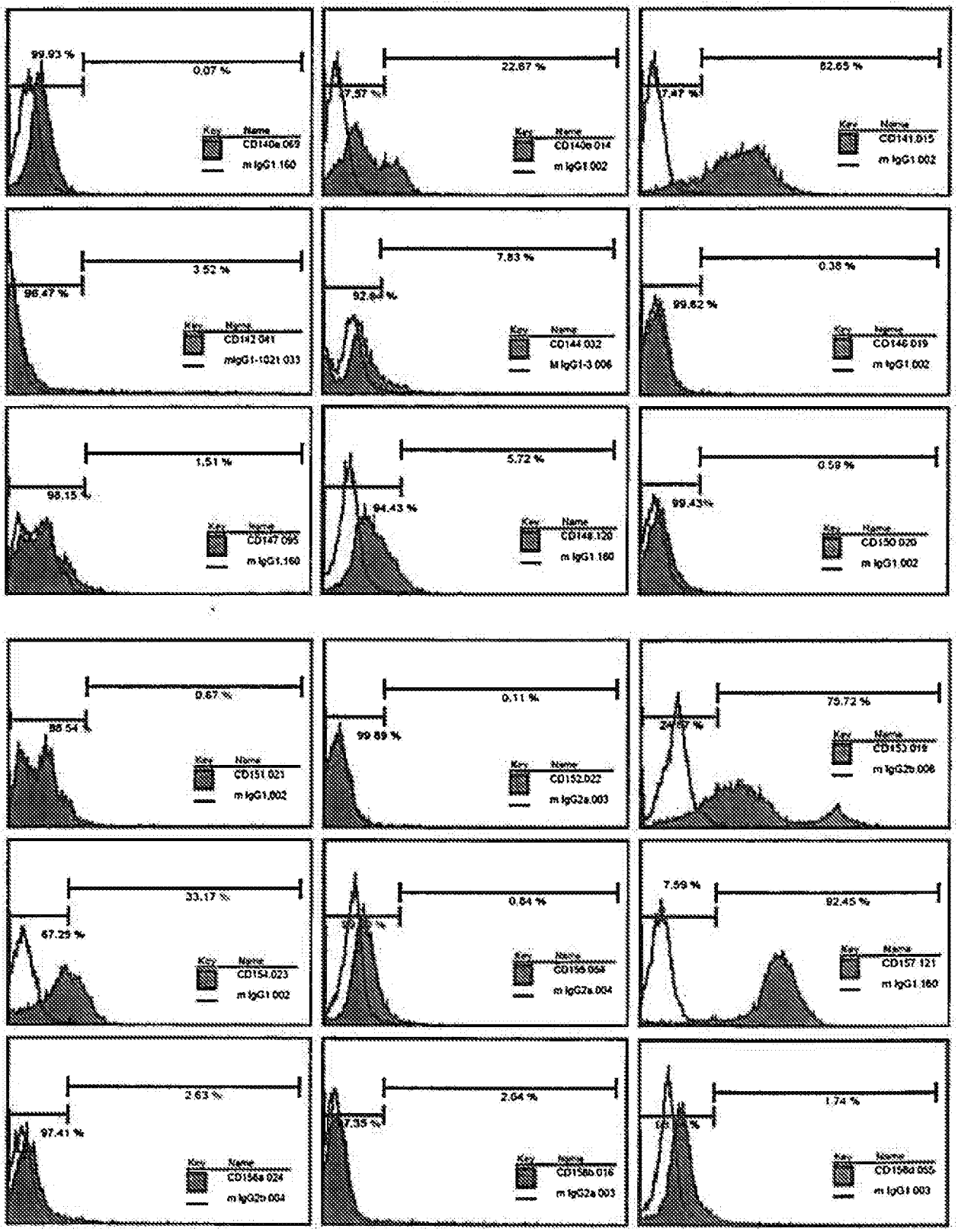


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

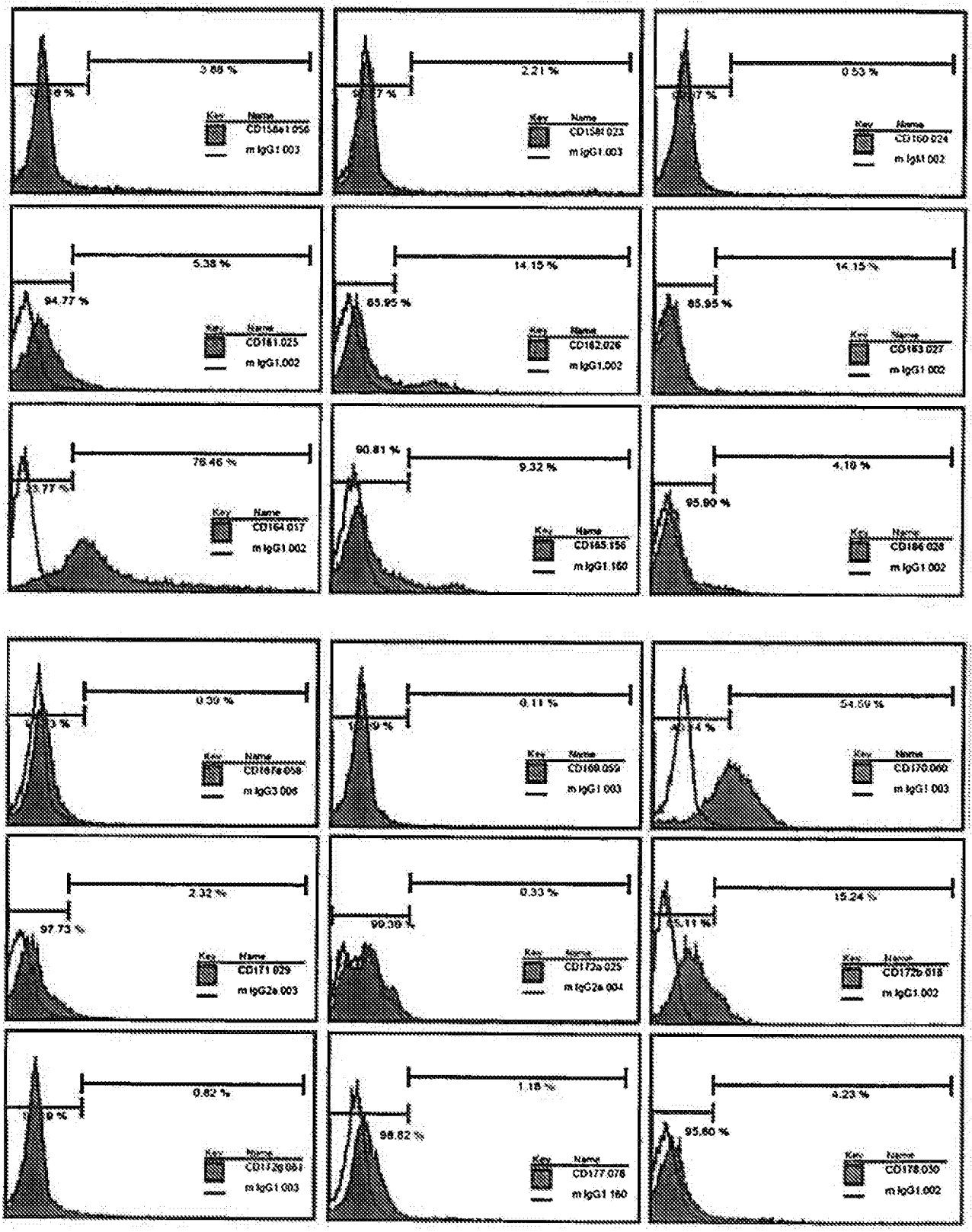


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

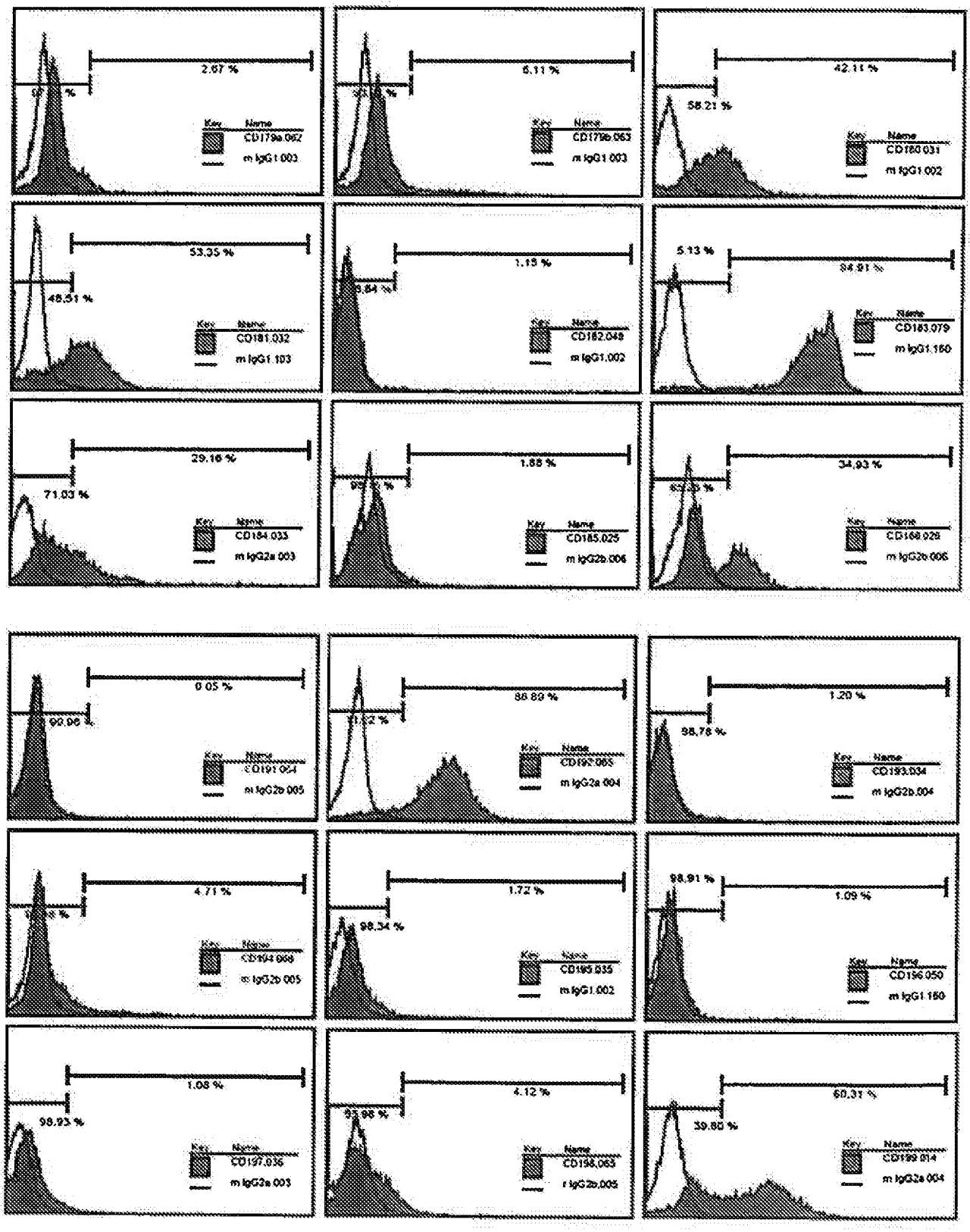


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

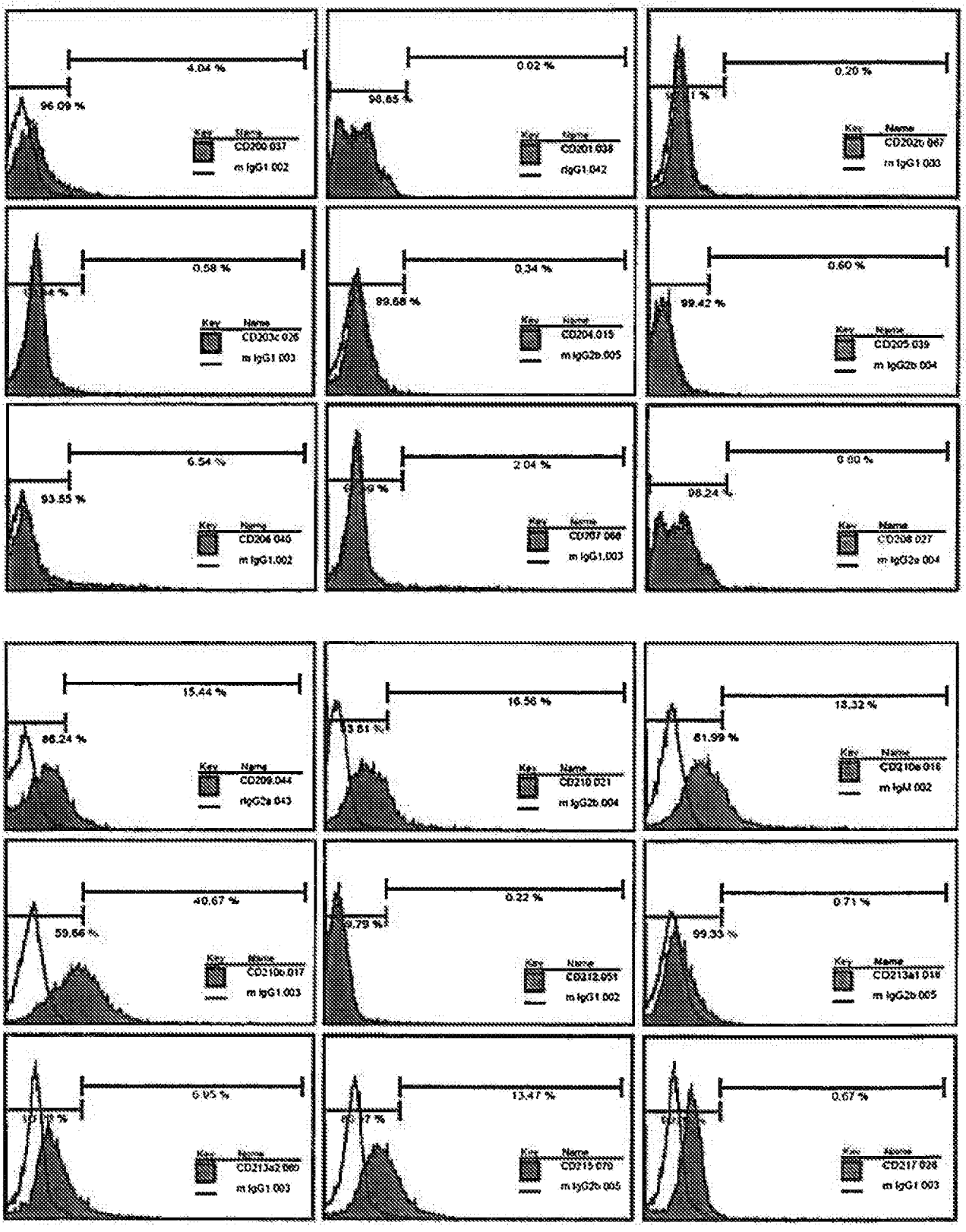


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

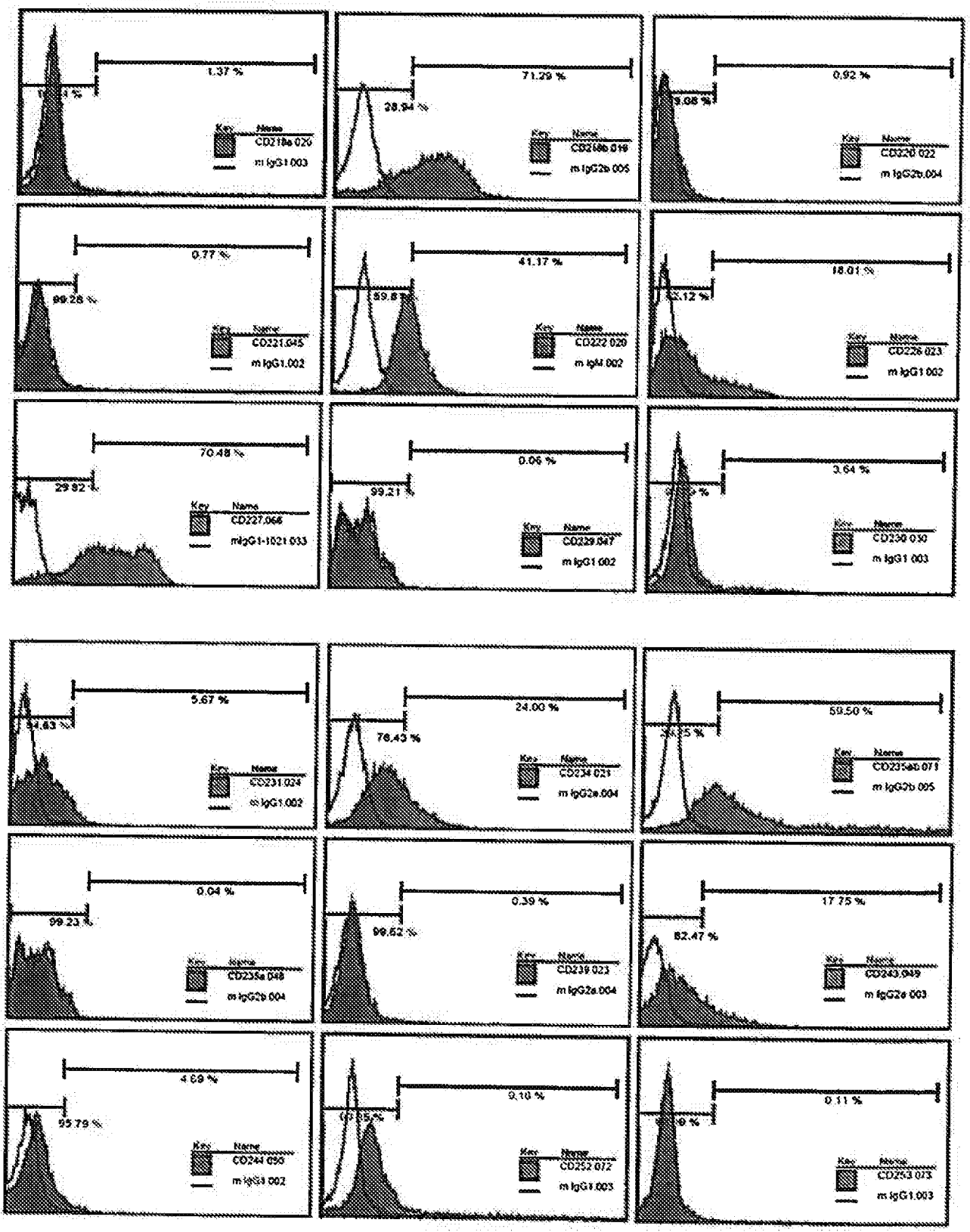


FIGURE 12 continued

➢ $CD14^+$ PBMCs by Flow Cytometry Analysis

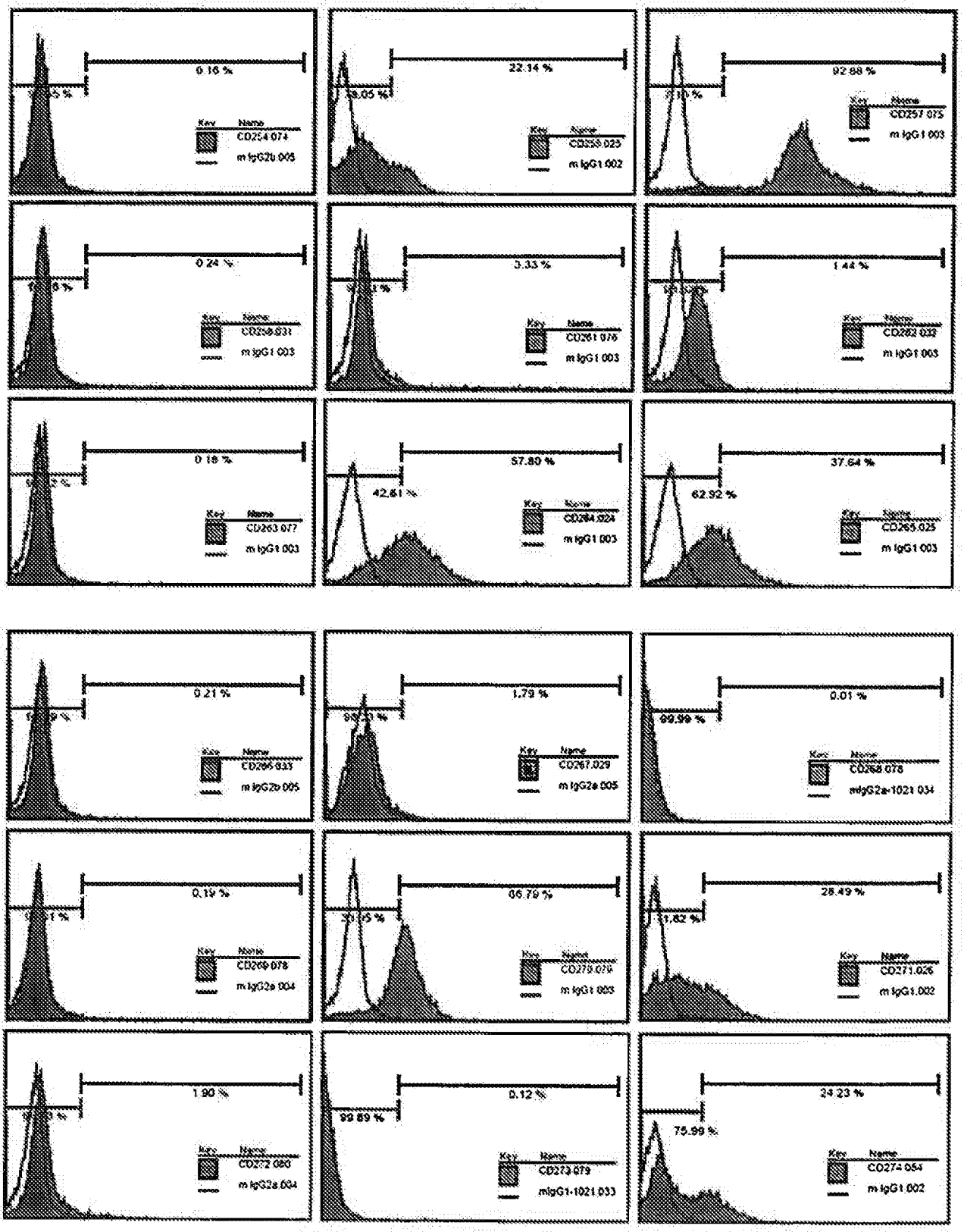


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

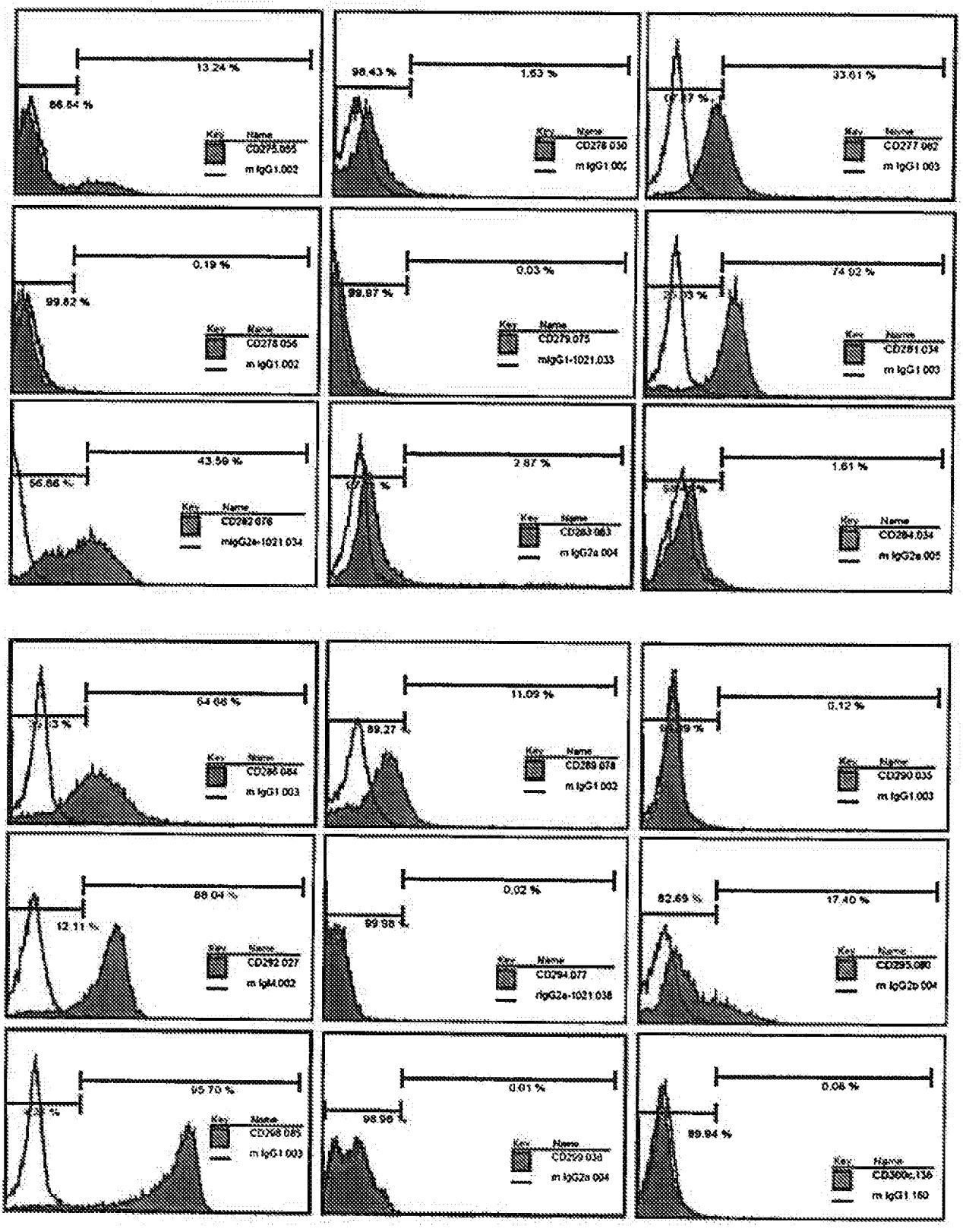


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

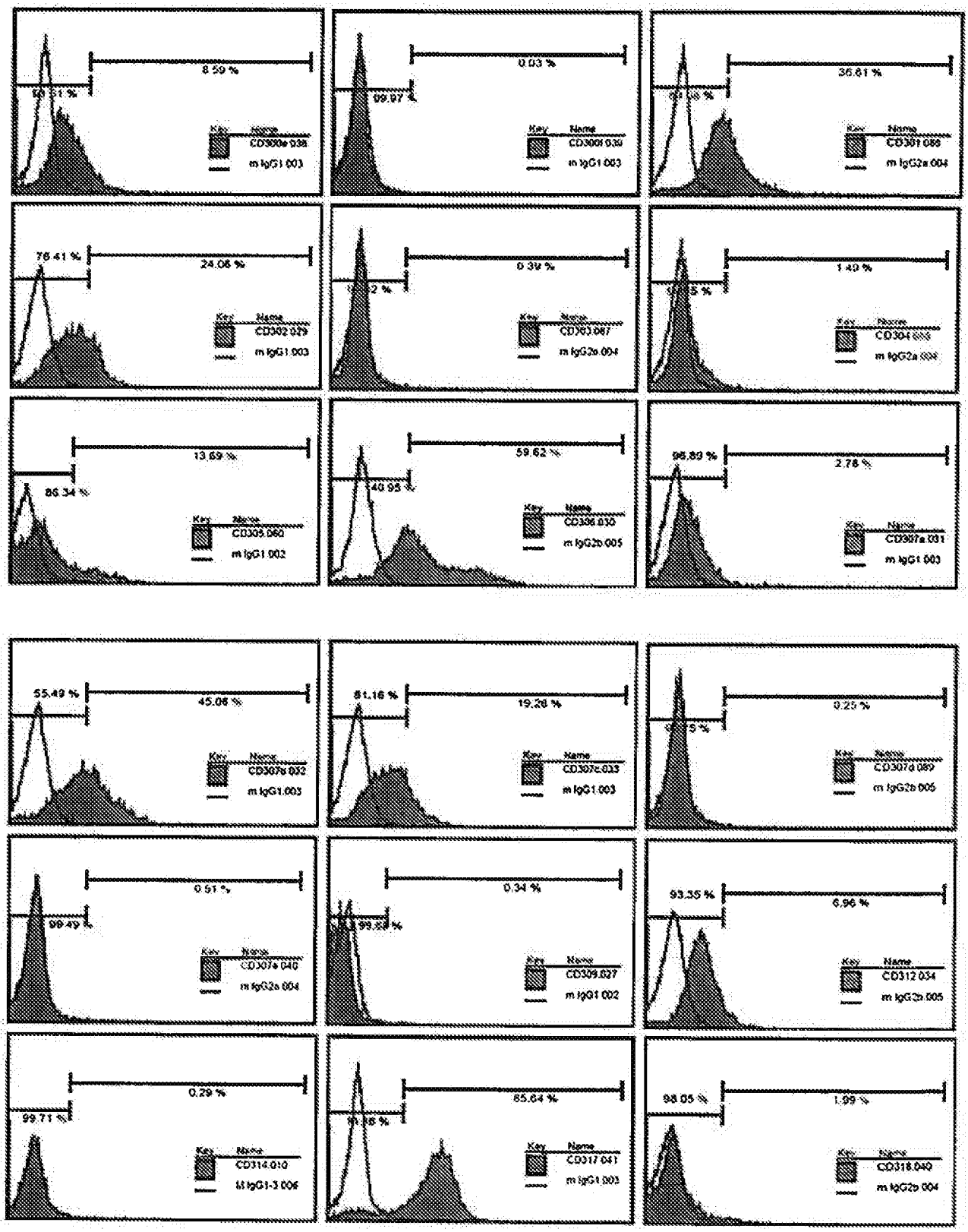


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

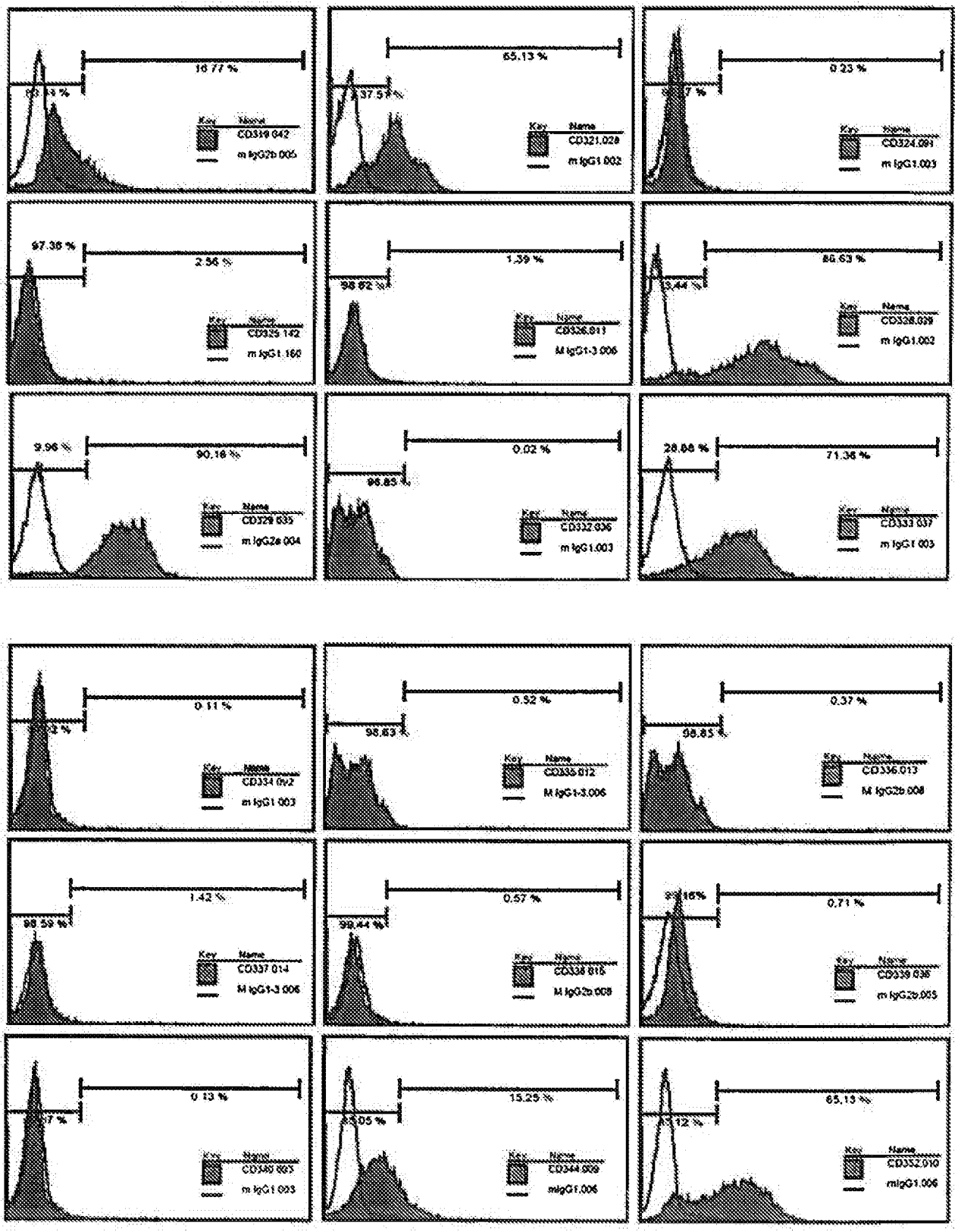


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

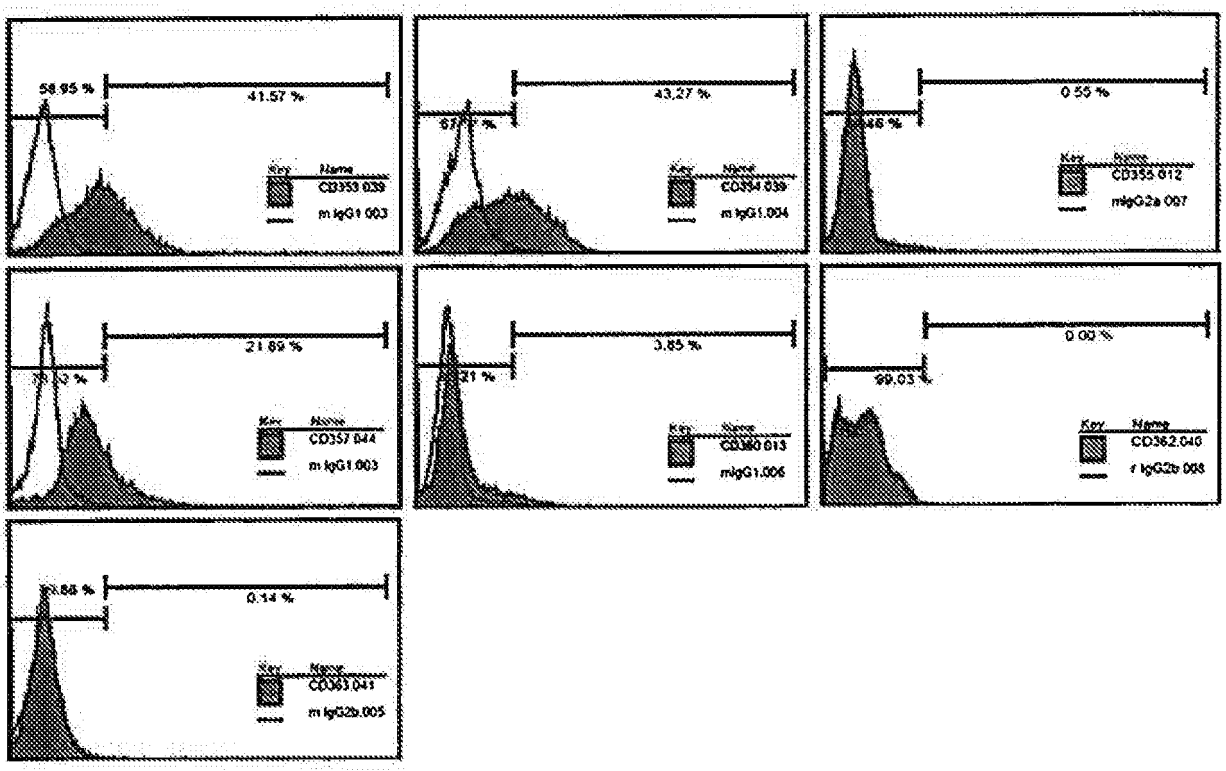


FIGURE 12 continued

➢ CD14$^+$ PBMCs by Flow Cytometry Analysis

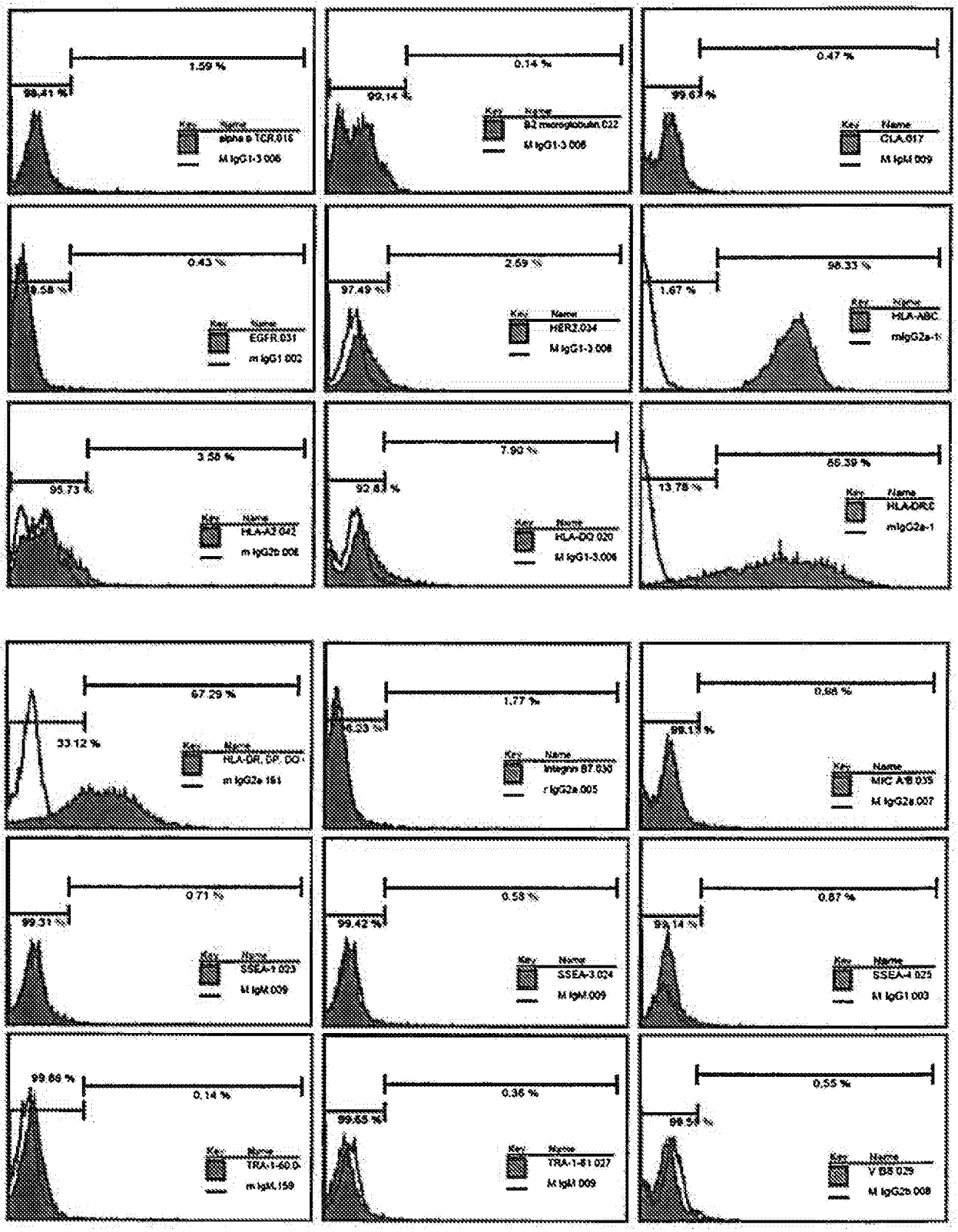


FIGURE 12 continued

➢ CD14^{+} PBMCs by Flow Cytometry Analysis

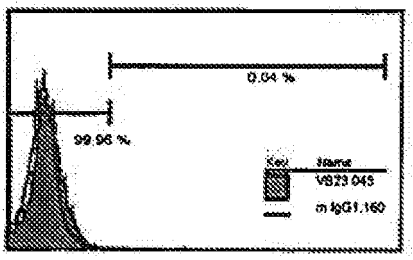


FIGURE 13

$CD14^+$ PBMCs by Flow Cytometry Analysis			
CD markers	Alternate names	Isotype	% of positive cells
CD1a	R4, T6, Leu-6, HTA1	m IgG1	8.58
CD1b	R1, T6	m IgG1	0.08
CD1c	BDCA-1, R7, T6, M241	m IgG1	0.13
CD1d	R3, R3G1	m IgG2b	4.94
CD2	T11, LFA-2, SRBC-R, E-rosette R, Erythrocyte R	m IgG1	6.91
CD3	T3	m IgG1	5.48
CD4	T4, Leu-3, L3T4, Leu-3a, W3/25	m IgG1	3.62
CD5	T1, Tp67, Leu-1, Ly-1	m IgG1	5.39
CD6	T12, TP120	m IgG1	2.38
CD7	gp40, Leu-9, TP41	m IgG2a	4.35
CD8		m IgG1	0.09
CD8a	T8, CD8, Leu-2, Ly-2, Lyt2,3	m IgG1	1.9
CD8b	CD8, Lyt3, Leu-2	m IgG1	0.6
CD9	p24, MRP-1, DRAP-27, DRAP-1	m IgG1	71.62
CD10	CALLA, NEP, gp100, EC 3.4.24.11, MME	m IgG2b	0.3
CD11a	LFA-1, integrin αL, ITGAL, LFA-1α	m IgG1	6.15
CD11b	Mac-1, integrin αM, CR3, ITGAM, Mo1, C3niR	m IgG1	54.61
CD11c	p150, 95, CR4, integrin αX, ITGAX, AXb2	m IgG1	85.31
CD13	APN, gp150, Amniopeptidase N, ANPEP, AAP, APM, LAP1, P150, PEPN, EC 3.4.11.2	m IgG1	74.29
CD14	LPS-Receptor	m IgG1	46.3
CD15	Lewis X, Lex, SSEA-1, 3-FAL, X-Hapten, FUT4	m IgG1	3.51
CD16	FCRIIIA, CD16a	m IgG1	5.78
CD18	Integrin β2, ITGB2, CD11a, b, c β-subunit	m IgG1	92.51
CD19	B4	m IgG1	5.91
CD20	B1, Bp35, Ly-44	m IgG2b	4.44
CD21	CR2, EBV-R, C3dR	m IgG2a	1.92
CD22	BL-CAM, Siglec-2	m IgG1	1.73
CD23	Fc ϵ RII, BLAST-2, FceRII, B6, Leu-20	m IgG1	3.05
CD24	BA-1, HAS, HSA, BBA-1	m IgG1	2.96
CD25	p55, IL-2Rα, Tac antigen, Tac, TCGFR	m IgG1	1.28
CD26	DPP IV ectoenzyme, DPP IV, ADA binding protein, ADCP2, TP103	m IgG1	4.2
CD27	T14, S152, TNFRSF7, TP55	m IgG1	3.5
CD28	Tp44, T44	m IgG1	3.17
CD29	Integrin β1, platelet GPIIa, ITGB1, GP	m IgG1	91.05
CD30	Ki-1, Ber-H2, TNFRSF8	m IgG1	3.74
CD31	PECAM-1, endocam, GPIIa, Platelet endothelial cell adhesion molecule, PECA1	m IgG1	93.69
CD32	Fc γ RII	m IgG1	91.44
CD33	p67, Siglec-3, My9, gp67, Sialic acid-binding Ig-like lectin 3, Myeloid cell surface antigen CD33	m IgG1	16.14
CD34	gp105-120, Mucosialin, My10, Hematopoietic progenitor cell antigen 1 (HPCA1)	m IgG1	2.25

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD35	CR1, C3b/C4b receptor, Immune adherence receptor, Complement receptor 1	m IgG1	3.67
CD36	GPIV, OKM5 antigen, PASIV, Glycoprotein IIIb (GpIIIb), Glycoprotein IV (GPIV), Fatty acid translocase (FAT), SCARB3, GP88, Platelet glycoprotein 4	m IgG1	87.24
CD37	gp 52-40, Tspan-26, Leukocyte antigen CD37, Tetraspanin-26, TSPAN26	m IgG1	0.4
CD38	T10, ADP-ribosyl cyclase, Cyclic ADP-ribose hydrolase 1	m IgG1	82.63
CD39	NTPDase-1, gp80, EC3.6.1.5, Ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1), ATPdehydrogenase	m IgG1	42.55
CD40	Bp50, TNFRSF5, MGC9013, Tumor necrosis factor receptor superfamily member 5	m IgG1	3.14
CD41	ITGA2B, GPIIb, Integrin α IIb, Platelet membrane glycoprotein IIb, Integrin α 2b, Human Platelet Antigen-3 (HPA-3)	m IgG1	50.81
CD41a		m IgG1	41.49
CD41b		m IgG1	80.59
CD42a	GPIX, GP9, Platelet glycoprotein IX	m IgG1	44.55
CD42b	gpIbα, GPIba, Platelet glycoprotein Ib α	m IgG1	60.32
CD42d	Glycoprotein V, GPV, Platelet glycoprotein V	m IgG1	35.32
CD43	gpL115, Sialophorin, Leukosialin, Galactoglycoprotein, SPN	mIgG1	38.32
CD44	H-CAM, Pgp-1, EMCR III, CD44s, Hermes antigen, ECMRII, Phagocytic glycoprotein I, Extracellular matrix receptor III, GP90 Lymphocyte homing/adhesion receptor, Hyaluronate receptor	m IgG2b	97.07
CD45	Leukocyte Common Antigen (LCA), T200, B220, Ly5, Protein tyrosine phosphatase receptor type C (PTPRC)	m IgG1	96.5
CD45RA	PTPRC	m IgG1	4.44
CD45RB	PTPRC	m IgG2b	50.6
CD45RO	UCHL-1	m IgG1	66.25
CD46	Membrane Cofactor Protein (MCP), Trophoblast leukocyte common antigen, TRA2.10	m IgG1	89.31
CD47	IAP, neurophilin, gp42, OA3, MER6	m IgG1	83.27
CD48	Blast-1, BCM1, Sgp-60, SLAMF2, Hulym3, OX-45, MEM-102	m IgG1	94.9
CD49a	VLA-1α, Integrin α1, VLA-1, ITGA1	m IgG1	2.27
CD49b	VLA-2α, gpIa, Integrin α2, VLA-2, ITGA2	m IgG1	33.61
CD49c	VLA-3α, Integrin α3, VLA-3, ITGA3, GAPB3, Galactoprotein B3, MSK18, Very Common Antigen-2 (VCA-2)	m IgG1	0.65
CD49d	VLA-4α, Integrin α4, VLA-4, ITGA4	m IgG1	9.38
CD49e	VLA-5α, Integrin α5, VLA-5, ITGA5, Fibronectin receptor	m IgG1	89.24
CD49f	VLA-6α, Integrin α6, VLA-6, ITGA6, gpI	m IgG1	8.97
CD50	ICAM-3	m IgG1	93.94

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD51/61	vitronectin R, Integrin αv, VNR-α, Vitronectin-Rα, ITGAV, Integrin αvβ3	m IgG1	72.13
CD52	CAMPATH-1, HE5, Epididymal secretory protein E52, HES	m IgG2b	38.5
CD53	OX-44, MCR, TSPAN25, MOX44, Tetraspanin-25	m IgG1	96.58
CD54	ICAM-1	m IgG1	54.2
CD55	Decay Accelerating Factor for Complement (DAF)	m IgG1	67.55
CD56	Leu-19, NKH-1, Neural Cell Adhesion Molecule (NCAM)	m IgG1	10.29
CD57	HNK-1, Leu-7, β-1,3-glucuronyltransferase 1, Glucuronosyltransferase P, galactosylgalactosylxylosylprotein 3-β-glucuronosyltransferase 1	m IgG1	51.06
CD58	LFA-3	m IgG1	3.15
CD59	Protectin, H19, 1F-5Ag, MIRL, MACIF, P-18	m IgG1	96.67
CD61	GP IIIa, Integrin β3	m IgG1	95.71
CD62E	E-selectin, ELAM-1, LECAM-2	m IgG1	1.79
CD62L	L-selectin, LECAM-1, LAM-1, Leu-8, TQ1, MEL-14	m IgG1	3.98
CD62P	P-selectin, GMP-140, PADGEM	m IgG1	16.76
CD63	LIMP, MLA1, LAMP-3, ME491, gp55, NGA, OMA81H, TSPAN30, Granulophysin, Melanoma 1 antigen	m IgG1	91.98
CD64	Fcγ RI, FcR I	m IgG1	79.85
CD65	Ceramide-dodecasaccharide, VIM2, Fucoganglioside (Type II)	m IgM	0.11
CD66		m IgG2a	1.48
CD66b	CD67, CGM6, NCA-95, CEACAM8	m IgG1	0.53
CD66c	NCA, NCA-50/90, CEAL, CEACAM6	m IgG1	0.54
CD69	AIM, VEA, MLR3, EA 1, gp34/28, CLEC2C, BL-AP26	m IgG1	3.02
CD70	Ki-24, CD27L, TNFSF7, CD27LG	m IgG1	0.44
CD71	TFR, T9, TFRC, Transferrin receptor, TRFR	m IgG1	9.47
CD72	Lyb-2, Ly-32.2, Ly-19.2	m IgG2b	10.22
CD73	NT5E, Ecto-5' -nuclotidase, E5NT, NT5, NTE, eN, eNT	m IgG1	4.52
CD74	Ii, invariant chain, DHLAG, HLADG, Ia-γ	m IgG1	7.47
CD75	lactosamines, ST6GAL1, MGC48859, SIAT1, ST6GALL, ST6N, ST6 β-Galactosamide α-2,6-sialyltranferase, Sialo-masked lactosamine, Carbohydrate of α2,6 sialyltransferase	m IgG1	1.43
CD77	Pk Ag, BLA, CTH, Gb3, Pk blood groupBLA, A14GALT (α1,4-Galactosyltransferase), A4GALT1, Gb3S, P(k), P1, PK A4GALT, Pk antigen, CTH/Gb3A4GALT1, Gb3S, PK, P1	m IgM	66.27
CD79a	Igα, MB1, IGA (Immunoglobulin-associated a), MB-1	m IgG1	59.32
CD79b	B29, Igβ (Immunoglobulin-associated β)	m IgG1	23.14
CD80	B7, B7-1, BB1, CD28LG, CD28LG1, L AB7	m IgG1	0.69
CD81	TAPA-1, S5.7	m IgG1	16.79
CD83	HB15, BL11	m IgG1	3.68
CD84	GR6, SLAMF5, LY9B, p75, hly9-β	m IgG1	0.34

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD85a	ILT5, LIR3, HL9, LILRB3 (Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3, LIR-3, MGC138403, PIRB, XXbac-BCX105G6.7	r IgG2a	85.47
CD85d	ILT4, LILRB2 (Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2, LIR2, MIR10, MIR-10	r IgG2a	53.87
CD85f	LIT11, LILRA5, XXbac-BCX403H19.2, LIR9, LILRB7 (Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 7	m IgG2a	29.24
CD85g	ILT7, LILRA4 (Leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 4, MGC129597, MGC129598, LIR4	m IgG1	0.47
CD85h	ILT1, LILRA2 (Leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 2, LIR7, LIR-7, XXbac-BCX85G21.2, ILT-1	r IgG2a	0.51
CD85i	LILRA1 (Leukocyte immunoglobulin-like receptor), subfamily A (with TM domain), member 1, LIR6, LIR-6, MGC126563	m IgG2b	0.96
CD85j	ILT2, LILRB1 (Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1, FLJ37515, LIR-1, LIR1, MIR-7, MIR7	m IgG2b	87.1
CD85k	ILT3, LILRB4 (Leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4, LIR-5, HM18, LIR5, LILRB5	m IgG1	1.2
CD86	B70, B7-2, CD28LG2, LAB72, MGC34413	m IgG1	23.48
CD87	UPA-R, PLAUR, URKR	m IgG1	0.95
CD88	C5aR, C5aR C5R1, C5R1, C5AR, C5A	m IgG2a	49.38
CD89	FcaR, IgA R	m IgG1	91.92
CD90	Thy-1	m IgG1	0.55
CD91	α 2M-R, LRP, LRP1, α 2MR, APOER, APR	m IgG1	73.51
CD93	CDw93, C1qRp, C1QR1,C1qRP, MXRA4, C1qR(P), Dj737e23.1, GR11	m IgM	0.55
CDw93		m IgG2b	14.65
CD94	Kp43, KLRD1	m IgG1	35.26
CD95	Fas, APO-1, TNFRSF6, CD178, FASLG, CD95L, APT1LG1, APT1, FAS1, FASTM, ALPS1A, TNFSF6, FASL	m IgG1	26.23
CD96	TACTILE, MGC22596	m IgG1	0.17
CD97	EMR1, BL-KDD/F12, TM&LN1	m IgG1	0.23
CD98	4F2, FRP-1, RL-388, SLC3A2, 4F2HC, 4T2HC, MDU1, NACAE	m IgG1	83.2
CD99	MIC2, E2, MIC2, MIC2X, MIC2Y,HBA71, MSK5X	m IgG1	5.68
CD100	SEMA4D, SEMAJ, coll-4, C9orf164, FLJ33485, FLJ34282, FLJ39737, FLJ46484, M-sema-G, MGC169138, MGC169141, SEMAJ	m IgM	2.51
CD101	BB27, V7, P126, IGSF2, BA27, BPC#4, V7-LSB	m IgG1	10.09

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD102	ICAM-2, Ly60	m IgG1	36.08
CD103	HML-1, Integrin α E, aIEL, ITGAE, OX62, HML1	m IgG1	1.78
CD104	TSP-180, Integrin β4, TSP1180, ITGB4	m IgG1	1.04
CD105	Endoglin, ENG, HHT1, ORW, SH-2	m IgG1	86.3
CD106	VCAM-1, INCAM-110, V-CAM, INCAM-100	m IgG1	0.57
CD107a	LAMP-1, LAMPA, CD107a, LGP120	m IgG1	79.68
CD107b	LAMP-2, LAMPB	m IgG1	71.93
CD108	SEMA7A, JMH blood group antigen, JMH	m IgG1	3.29
CD109	8A3, 7D1, E123, Platelet activation factor, 8As, 150kD TGF-β-1-binding protein, Platelet-specific Gov antigen	m IgG1	28.9
CD110	MPL, TPO-R, C-MPL	m IgG2a	41.02
CD111	PRR1, Nectin-1, PVRL1, HveC, HIgR, CLPED1, Hve C1	m IgG1	1.14
CD112	PRR2, Nectin-2, HveB, PVRL2	m IgG1	60.66
CD114	G-CSFR, CSF3R, HG-CSFR	m IgG1	8.33
CD115	CSF-1R, M-CSFR, c-fms, FMS, FIM2	r IgG1	74.64
CD116	GM-CSFR α, GM-CSFRa, CDw116, CSF2R, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-α, GMCSFR, GMR, MGC3848, MGC4838	m IgG1	82.51
CD117	c-kit, SCFR, PBT	m IgG1	0.11
CD118	LIFR, gp190, SJS2, STWS, SWS	m IgG1	0.39
CD119	IFN γ R, IFN γ Rα, CDw119, IFNGR1, IFN γ Ra	m IgG1	2.3
CD120a	TNFR-I, p55, TNFRSF1A, CD120a, FPF, MGC19588, TBP1, TNF-R, TNF-R55, TNFAR, TNFR1, TNFR55, TNFR60, p55-R, p60	m IgG1	51.13
CD120b	TNFR-II, p80, TNFRSF1B, p75, TNFR p80	r IgG2a	15.21
CD121a	IL-1R type I, IL-1RI, IL1R, CD121A, D2S1473, IL-1R-α, IL1RA, P80	m IgG1	14.05
CD121b	IL-1R type II, IL-1RII	m IgG1	11.18
CD122	IL-2Rβ, IL2RB, p70-75	m IgG1	12.15
CD123	IL-3Rα, IL3RA, CD123, IL3R, IL3RAY, IL3RX, IL3RY, MGC34174, hIL-3Ra	m IgG1	40.27
CD124	IL-4Rα, IL4R	m IgG2a	1.89
CD125	IL-5Rα, CDw125, IL5RA	m IgG1	48.27
CD126	IL-6Rα, IL6R	m IgG1	0.25
CD127	IL-7R, IL-7Rα, IL7R, p90	m IgG1	1.6
CD129	IL-9R, IL-9Rα	m IgG2b	15.06
CD130	gp130, IL-6Rβ, IL6ST, IL6ST, IL6-β	m IgG1	0.27
CD131	CSF2RB, IL3RB, IL5RB, CDw131, IL-3Rβ, common β chain, IL-3R common β	m IgG1	1.76
CD132	Common γ chain, IL-2Rγ, IL2RG	m IgG2a	8.69
CD134	OX-40, TNFRSF4	m IgG1	25.44
CD135	Flt3/Flk2, STK-1	m IgG1	5.37
CD136	MSP-R, RON, p158-ron, CDw136, MST1R	m IgG1	0.76
CD137	4-1BB, TNFRSF9, ILA	m IgG1	4.49

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD137 Ligand	4-1BB Ligand	m IgG1	11.75
CD138	Syndecan-1, Heparan sulfate proteoglycan	m IgG1	36.87
CD140a	PDGFRA, PDGF α Receptor, PDGFR α	m IgG1	0.07
CD140b	PDGFRB, PDGF β Receptor, PDGFR β	m IgG1	22.67
CD141	Thrombomodulin, THBD, Fetomodulin	m IgG1	82.65
CD142	Tissue Factor (TF), Factor III, Thromboplastin	m IgG1	3.52
CD144	VE-Cadherin, Cadherin-5	m IgG1	7.83
CD146	MUC18, S-endo, MCAM, Mel-CAM, Endo-CAM	m IgG1	0.38
CD147	Neurothelin, basigin, EMMPRIN, BSG, M6, OX47, TCSF	m IgG1	1.51
CD148	HPTP-eta, p260, DEP-1, HPTP-η, SCC1, PTPRJ	m IgG1	5.72
CD150	SLAM, IPO-3	m IgG1	0.59
CD151	PETA-3, Tspan-24, RAPH, SFA-1	m IgG1	0.67
CD152	CTLA-4	m IgG2a	0.11
CD153	CD30L, TNFSF8, TNSF8	m IgG2b	75.72
CD154	CD40L, T-BAM, gp39, TRAP, TNFSF5, TRAP-1, IMD3	m IgG1	33.17
CD155	PVR, Necl-5, PVS, TAGE4, HVED, NECL5	m IgG2a	0.84
CD157	BST-1, Bp3, Mo5	m IgG1	92.45
CD158a	KIR2DL1, p58.1, NKAT1	m IgG2b	2.63
CD158b	p58.2, KIR2DL2/L3, NKAT2	m IgG2a	2.64
CD158d	KIR2DL4, KIR103AS, KIR103	m IgG1	1.74
CD158e1	KIR3DL1, NKB1, NKB1B, p70	m IgG1	3.88
CD158f	KIR2DL5A, KIR2DL5	m IgG1	2.21
CD160	BY55, NK1, NK28	m IgM	0.53
CD161	NKR-P1A, KLRB1, NKR	m IgG1	5.38
CD162	PSGL-1	m IgG1	14.15
CD163	M130, GHI/61, D11, RM3/1	m IgG1	14.15
CD164	MGC-24, MUC-24, Endolyn	m IgG1	76.46
CD165	AD2, gp37	m IgG1	9.32
CD166	ALCAM, KG-CAM, SC-1, BEN, DM-GRASP	m IgG1	4.18
CD167a	DDR1, trkE, cak	m IgG3	0.39
CD169	Sialoadhesin, Siglec-1	m IgG1	0.11
CD170	Siglec-5, CD33-like2	m IgG1	54.59
CD171	L1CAM, N-CAM L1, L1 antigen, HSAS, HSAS1, MASA, MIC5, S10, SPG1, NILE	m IgG2a	2.32
CD172a	SIRP alpha, BIT, MFR, MYD-1, P84, SHPS-1, SHPS1, SIRP α 2, SIRPa	m IgG2a	0.33
CD172b	SIRP β, SIRP β1	m IgG1	15.24
CD172g	SIRP γ, SIRP β2, SIRP γ, SIRP-B2, hA77C3.1	m IgG1	0.82
CD177	NB1, HNA-2a, NB1gp, Neutrophil-specific antigen 1, PRV1	m IgG1	1.18
CD178	CD95L, TNFSF6, Fas Ligand, FasL, APT1LG1	m IgG1	4.23
CD179a	VpreB, IGVPB, VPREB1	m IgG1	2.67
CD179b	Ig λ 5, λ 5, 14.1, IGL5, IGGL1, IGO, lambda5	m IgG1	6.11
CD180	RP105, LY64, Bgp95, Ly78	m IgG1	42.11
CD181	CDw128A, IL-8RA, (formerly CD128a) CXCR1, IL-8R α	m IgG1	53.35

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD182	CDw128B, IL-8RB, (formerly CD128b) CXCR2, IL-8R β, CMKAR2, IL8R2	m IgG1	1.15
CD183	CXCR3, GPR9, CKR-L2, CMKAR3, IP10, Mig-R, TAC	m IgG1	94.91
CD184	CXCR4, Fusin, LESTR, NPY3R, CMKAR4, HM89, FB22, LCR1	m IgG2a	29.16
CD185	CXCR5, BLR1, MDR15, MGC117347	m IgG2b	1.88
CD186	CXCR6, CDw186, STRL33, TYMSTR, BONZO	m IgG2b	34.93
CD191	CCR1, CKR1, CKR-1, HM145, CMKBR1, SCYAR1, MIP-1 αR, RANTES-R	m IgG2b	0.05
CD192	CCR2, CKR2, CCR2A, CCR2B, CKR2A, CKR2B, CMKBR2, MCP-1-R, CC-CKR-2, FLJ78302, MGC103828, MGC111760, MGC168006	m IgG2a	88.89
CD193	CCR3, CKR3, CMKBR3, CC-CKR-3, MGC102841	m IgG2b	1.2
CD194	CCR4, CC-CKR-4, CKR4, CMKBR4, ChemR13, HGCN	m IgG2b	4.71
CD195	CCR5, CMKBR5, IDDM22, CC-CKR-5, FLJ78003	m IgG1	1.72
CD196	CCR6, LARC receptor, DRY6, BN-1, DCR2, CKRL3, GPR29, CKR-L3, CMKBR6, GPRCY4, STRL22, CC-CKR-6	m IgG1	1.09
CD197	EBI-1, BLR-2, CMKBR7, CCR7 (formerly CDw197)	m IgG2a	1.08
CD198	CCR8, CKR-L1, CKRL1, CMKBR8, CMKBRL2, CY6, GPR-CY6, TER1	r IgG2b	4.12
CD199	CCR9, GPR28, GPR-9-6	m IgG2a	60.31
CD200	OX2, MRC, MOX1, MOX2	m IgG1	4.04
CD201	EPC-R, PROCR, CCCA, CCD41, MGC23024, bA420I4.2	r IgG1	0.02
CD202b	Tie2 (Tek), TEK, VMCM, TIE-2, VMCM1	m IgG1	0.2
CD203c	E-NPP3, PD-1b, PDNP3, B10, PDI β	m IgG1	0.58
CD204	MSR, MSR1, SR-A, phSR1, phSR2, SCARA1	m IgG2b	0.34
CD205	DEC-205, CLEC13B, GP200-MR6, LY75	m IgG2b	0.6
CD206	Mannose receptor C type-1 (MRC1), Macrophage mannose receptor (MMR), C-type Lectin domain family 13 member D (CLEC13D)	m IgG1	6.54
CD207	Langerin, C-type Lectin domain family 4 member K (CLEC4K)	m IgG1	2.04
CD208	DC-LAMP, Lysosomal-associated membrane protein 3 (LAMP3), DCLAMP, LAMP, TSC403	m IgG2a	0.8
CD209	Dendritic cell-specifi c ICAM-3-grabbing non-integrin (DC-SIGN), DC-SIGN1, CDSIGN, C-type lectin domain family 4 member L (CLEC4L), HIV gp120-binding protein	r IgG2a	15.44
CD210		m IgG2b	16.56
CD210a	IL-10R, Interleukin 10 Receptor A (IL-10RA, IL-10R1), IL-10R α	m IgM	18.32
CD210b	CRF2-4, Interleukin 10 Receptor B (IL-10RB, IL-10R2), IL-10R β	m IgG1	40.67
CD212	IL-12R β1, IL12RB1, IL-12Rb1, Interleukin 12 receptor β1 chain (IL-12 β1), IL-12 β, CD212b1	m IgG1	0.22
CD213a1	Interleukin 13 receptor α1 chain (IL-13R α1), NR4	m IgG2b	0.71

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD213a2	IL12R α 2, IL-13Ra2, Interleukin 13 receptor α 2 chain (IL-13R α 2), interleukin-13-binding protein (IL13BP), IL13RA2	m IgG1	6.95
CD215	IL-15R α, Interleukin 15 receptor alpha chain (IL-15RA)	m IgG2b	13.47
CD217	IL-17R, CDw217, Interleukin 17 receptor A (IL-17RA)	m IgG1	0.67
CD218a	IL-18 Receptor alpha, IL18R α, IL-1Rrp1, IL-18R, Interleukin 18 receptor 1 (IL-18R1), IL-18RA, IL1 receptor-related protein (IL-1Rrp), IL-R5, CDw218a	m IgG1	1.37
CD218b	IL-1RcPL, CDw218b, Interleukin 18 receptor β (IL-18R β), IL-18 receptor accessory protein (IL-18RAP, IL-18RAcP), IL-1R accessory protein-like (IL-1RAcPL), IL-1R7	m IgG2b	71.29
CD220	Insulin R, Insulin receptor (INSR), IR	m IgG2b	0.92
CD221	Insulin-like growth factor 1 receptor (IGF1R), IGFR, type I IGF receptor (IGF-IR), JTK13	m IgG1	0.77
CD222	Cation-independent mannose-6-phosphate receptor (M6P-R, CIM6PR, CIMPR, CIMPR), Insulin-like growth factor 2 receptor (IGF2R, IGFIIR, IGF-IIR), MPR1, MPRI	m IgM	41.17
CD226	DNAX accessory molecule 1 (DNAM-1), Platelet and T-cell activation antigen 1 (PTA-1), T lineage-specifi c activation antigen 1 antigen (TLiSA1)	m IgG1	18.01
CD227	Mucin 1 (MUC1, MUC-1), DF3 antigen, H23 antigen, Peanut-reactive urinary mucin (PUM), Polymorphic epithelial mucin (PEM), Epithelial membrane antigen (EMA), Tumor-associated mucin, Episialin	m IgG1	70.48
CD229	Lymphocyte antigen 9 (Ly9), T-lymphocyte surface antigen Ly-9, Signaling lymphocyte activation molecule family member 3 (SLAMF3), Lgp100, T100	m IgG1	0.06
CD230	Prion protein (PrP, PRNP), Major prion protein, prP27-30, prP33-35C, PrPc	m IgG1	3.64
CD231	A15, Tetraspanin 7 (TSPAN7), T-cell acute lymphoblastic leukemia-associated antigen 1 (TALLA-1), Transmembrane 4 superfamily member 2 (TM4SF2), Membrane component X chromosome surface marker-1 (MXS1)	m IgG1	5.67
CD234	Duffy, Duffy antigen/chemokine receptor (DARC), Duffy blood group antigen (Dfy, FY), Fy-Glycoprotein, Glycoprotein D	m IgG2a	24
CD235ab	Glycophorin A/B	m IgG2b	59.5
CD235a	Glycophorin A (GYPA), Sialoglycoprotein α, Sialoglycoprotein A, MN blood group antigen, PAS-2	m IgG2b	0.04
CD239	Rh30CE, Basal cell adhesion molecule (BCAM, B-CAM), Lutheran blood group glycoprotein, Lutheran blood group antigen (Lu)	m IgG2a	0.39
CD243	MDR-1, P-gp, GP170, p170, ABC-B1, ABC20, CD243, CLCS, PGY1	m IgG2a	17.75
CD244	2B4, p38, NKLR2B4, NAIL, Nmrk, SLAMF4	m IgG1	4.69
CD252	OX40L, OX-40L, TNFSF4, GP34, TXGP1, CD134L	m IgG1	9.16

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD253	TRAIL, TNFSF10, TL2, APO2L, Apo-2L	m IgG1	0.11
CD254	TRANCE, RANKL, TNFSF11, OPGL, ODF, sOdf, OPTB2, hRANKL2	m IgG2b	0.16
CD255	TWEAK, TNFSF12, APO3L	m IgG1	22.14
CD257	BAFF, BLyS, TNFSF13b, TALL1, THANK, TNFSF20, ZTNF4	m IgG1	92.88
CD258	LIGHT, TNFSF14, LTg, TR2, HVEML	m IgG1	0.24
CD261	DR4, TRAIL-R1, TNFRSF10a, APO2, MGC9365	m IgG1	3.33
CD262	DR5, TRAIL-R2, KILLER, TNFRSF10b, TRICK2, TRICK2A, TRICK2B, TRICKB, ZTNFR9	m IgG1	1.44
CD263	DcR1, TRAIL-R3, TRID, TNFRSF10c, LIT	m IgG1	0.18
CD264	TRAIL-R4, DcR2, TNFSF10d, TRUNDD	m IgG1	57.8
CD265	TRANCE-R, RANK, TNFRSF11a, EOF, FEO, ODFR, OFE, PDB2	m IgG1	37.64
CD266	TWEAK Receptor, TWEAK-R, TNFRSF12A, FN14, FGFinducible 14	m IgG2b	0.21
CD267	TACI, TNFRSF13B, CVID, FLJ39942, MGC39952, MGC133214, TNFRSF14B	m IgG2a	1.79
CD268	BAFFR, BR3, TNFRSF13C, TR13C, CD268, BAFF-R, MGC138235	m IgG2a	0.01
CD269	BCMA, TNFRSF17, BCM	m IgG2a	0.19
CD270	HVEM, TR2, HVEA, TNFRSF14, ATAR	m IgG1	66.79
CD271	NGFR (p75), p75NGFR, p75NTR, TNFRSF16, Gp80-LNGFR	m IgG1	28.49
CD272	BTLA, BTLA1, FLJ16065, MGC129743	m IgG2a	1.9
CD273	B7DC, PDL2, PD-L2, PDCD1L2, PDCD1LG2, Btdc, CD273, MGC142238, MGC142240, bA574F11.2	m IgG1	0.12
CD274	B7H1, B7-H, PDL1, PD-L1, PDCD1LG1, PDCD1L1, MGC142294, MGC142296, CD274	m IgG1	24.23
CD275	B7H2, B7-H2, ICOSL, B7RP1, B7h, GL50, ICOSLG, CD275, LICOS, B7RP-1, ICOS-L, KIAA0653	m IgG1	13.24
CD276	B7RP-2, B7H3, B7-H3, 4Ig-B7-H3	m IgG1	1.63
CD277	BT3.1, BTN3A1, BTF5, MGC141880	m IgG1	33.61
CD278	ICOS, AILIM, CD278, MGC39850	m IgG1	0.19
CD279	PD1, SLEB2, PDC1, CD279, hPD-1, PDCD1	m IgG1	0.03
CD281	TLR1, TIL, rsc786, KIAA0012, MGC104956, MGC126311, MGC126312, TIL.LPRS5, DKFZp547I0610, DKFZp564I0682	m IgG1	74.92
CD282	TLR2, TIL4, CD282	m IgG2a	43.59
CD283	TLR3, TOLL-like receptor 3	m IgG2a	2.87
CD284	TLR4, TOLL, hToll, ARMD10	m IgG2a	1.61
CD286	TLR6, TOLL-like receptor 6	m IgG1	64.68
CD289	TLR9, TOLL-like receptor 9	m IgG1	11.09
CD290	TLR10, TOLL-like receptor 10	m IgG1	0.12

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD292	BMPR-IA, BMPR1A, ALK3, BIMPR1A, 10q23del, ACVRLK3, SKR5	m IgM	88.04
CD294	CRTH2, DP2, PGRD2, G protein-coupled receptor 44 (GPR44), DL1R	r IgG2a	0.02
CD295	Leptin R, LEPR, OBR	m IgG2b	17.4
CD298	ATP1B3, Na K ATPase β3 subunit, ATPB-3, FLJ29027, ATP1β3	m IgG1	95.7
CD299	DC-SIGN/L, DC-SIGNR, L-SIGN, DCSIGN-related, DCSIGNR, HP10347, DC-SIGN2, MGC47866, MGC12996, CLEC4M	m IgG2a	0.01
CD300c	CMRF35A, CMRF-35A, LIR, CLM-6, CMRF35, IGSF16, CMRF-35, CMRF35A1, CMRF35-A1	m IgG1	0.08
CD300e	CMRF35L1, CMRF-35L1, CLM2, CLM-2, IREM2, PIgR2, IREM-2, PIgR-2, CD300LE, CMRF35-A5, CMRF35L	m IgG1	8.59
CD300f	IREM-1, IREM1, MAIR-V	m IgG1	0.03
CD301	CLEC10A, MGL1, CLECSF14, HML, MGL	m IgG2a	36.61
CD302	CLEC13A, DCL1, BIMLEC	m IgG1	24.06
CD303	BDCA-2, BDCA2, CLEC4C, HECL	m IgG2a	0.39
CD304	Neuropilin-1, BDCA-4, NRP1	m IgG2a	1.49
CD305	LAIR1	m IgG1	13.69
CD306	LAIR2	m IgG2b	59.62
CD307a	FcRH1, FCRL1, FCRH, IFGP1, IRTA5	m IgG1	2.78
CD307b	FCRL2, SPAP1, FcRH2, IFGP4, IRTA4	m IgG1	45.06
CD307c	FcRH3, FCRL3, IFGP3, IRTA3, SPAP2	m IgG1	19.26
CD307d	FCRL4, FCRH4, IGFP2, IRTA1	m IgG2b	0.25
CD307e	FCRL5, BXMAS1, FCRH5, IRTA2, CD307	m IgG2a	0.51
CD309	VEGFR2, KDR, Flk1	m IgG1	0.34
CD312	EMR2	m IgG2b	6.96
CD314	NKG2D, KLRK1	m IgG1	0.29
CD317	BST2, PDCA-1, Tetherin, HM1.24	m IgG1	85.64
CD318	CDCP1, SIMA135	m IgG2b	1.99
CD319	CRACC, CS1, SLAMF7	m IgG2b	16.77
CD321	JAM1, JAM, JAM-A, F11R	m IgG1	65.13
CD324	E-Cadherin, CDH1	m IgG1	0.23
CD325	N-Cadherin, CDH2 CDw325, NCAD, CDH2	m IgG1	2.56
CD326	Ep-CAM, MK-1, KSA, EGP40, TROP1, TACSTD1	m IgG1	1.39
CD328	Siglec-7, p75/AIRM, Siglec7, AIRM-1	m IgG1	86.63
CD329	Siglec-9	m IgG2a	90.16
CD332	FGFR2, BEK, K-SAM, KGFR	m IgG1	0.02
CD333	FGFR3, ACH, CEK2	m IgG1	71.36
CD334	FGFR4, TKF, JTK2	m IgG1	0.11
CD335	NKp46, NCR1, Ly94	m IgG1	0.52
CD336	NKp44, NCR2, Ly-95 homolog, Ly95	m IgG2b	0.37
CD337	NKp30, NCR3, Ly-117	m IgG1	1.42
CD338	ABCG2, ABCP, MXR, BCRP, Bcrp1	m IgG2b	0.57

FIGURE 13 continued

CD markers	Alternate names	Isotype	% of positive cells
CD339	Jagged-1, JAG1, JAGL1, hJ1	m IgG2b	0.71
CD340	HER2/neu, Her-2, Neu, p185HER2, ERB-B2, erbB2/HER-2	m IgG1	0.13
CD344	Frizzled-4, FZD4, EVR1, FEVR, Frizzled homolog 4, Fz-4, hFz-4, FzE4	m IgG1	15.25
CD352	NTB-A, SLAMF6, Ly108	m IgG1	65.13
CD353	SLAMF8, BLAME	m IgG1	41.57
CD354	TREM-1, TREM1	m IgG1	43.27
CD355	CRTAM, Cytotoxic and regulatory T-cell molecule	m IgG2a	0.55
CD357	TNFRSF18, Tumor necrosis factor receptor superfamily, member 18, GITR, AITR	m IgG1	21.89
CD360	IL-21R, IL21R	m IgG1	3.85
CD362	Syndecan-2	r IgG2b	0
CD363	S1PR1, Sphingosine-1-phosphate receptor 1, EDG-1	m IgG2b	0.14

Total 331
Positive 247