

FIG. 1

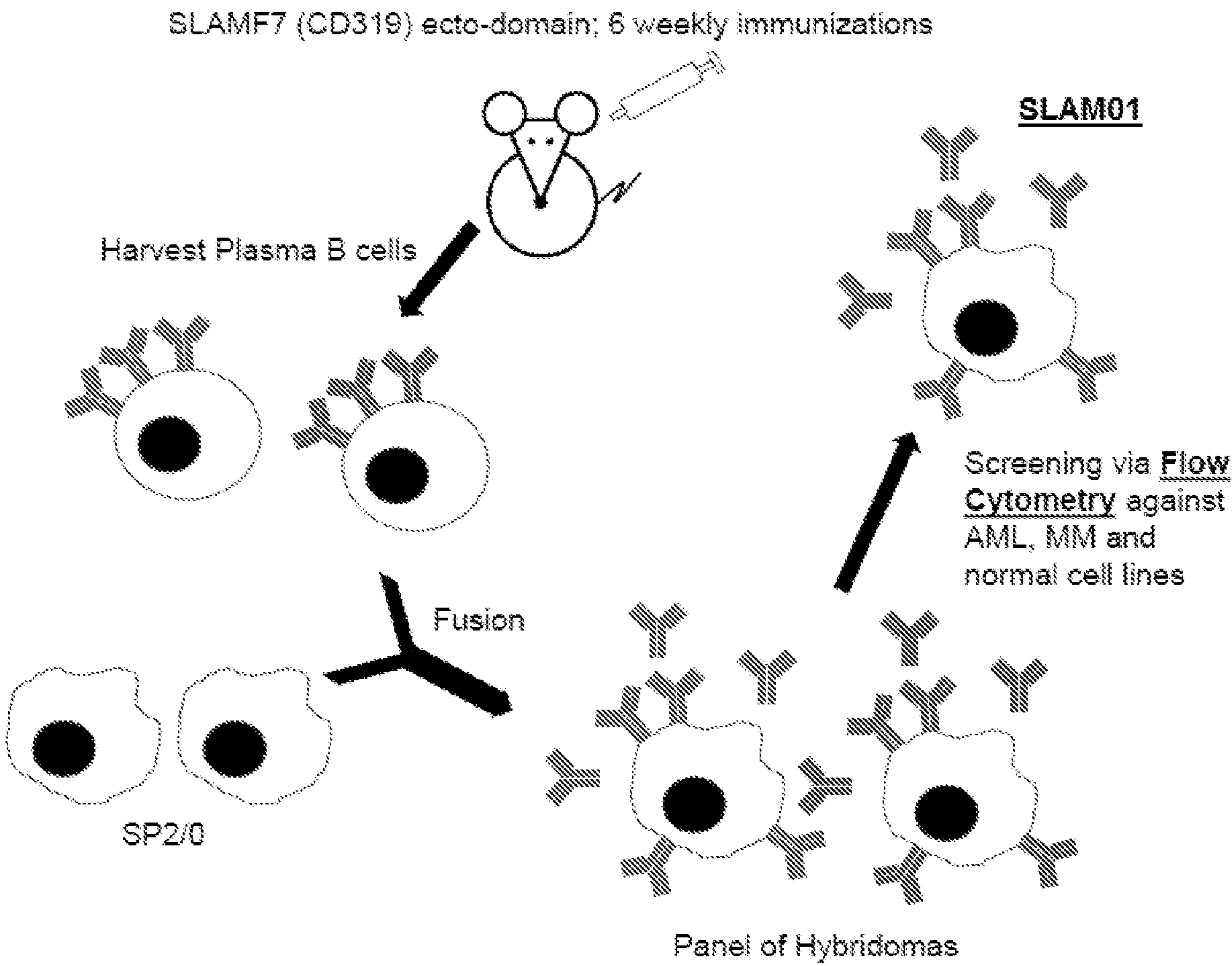


FIG. 2

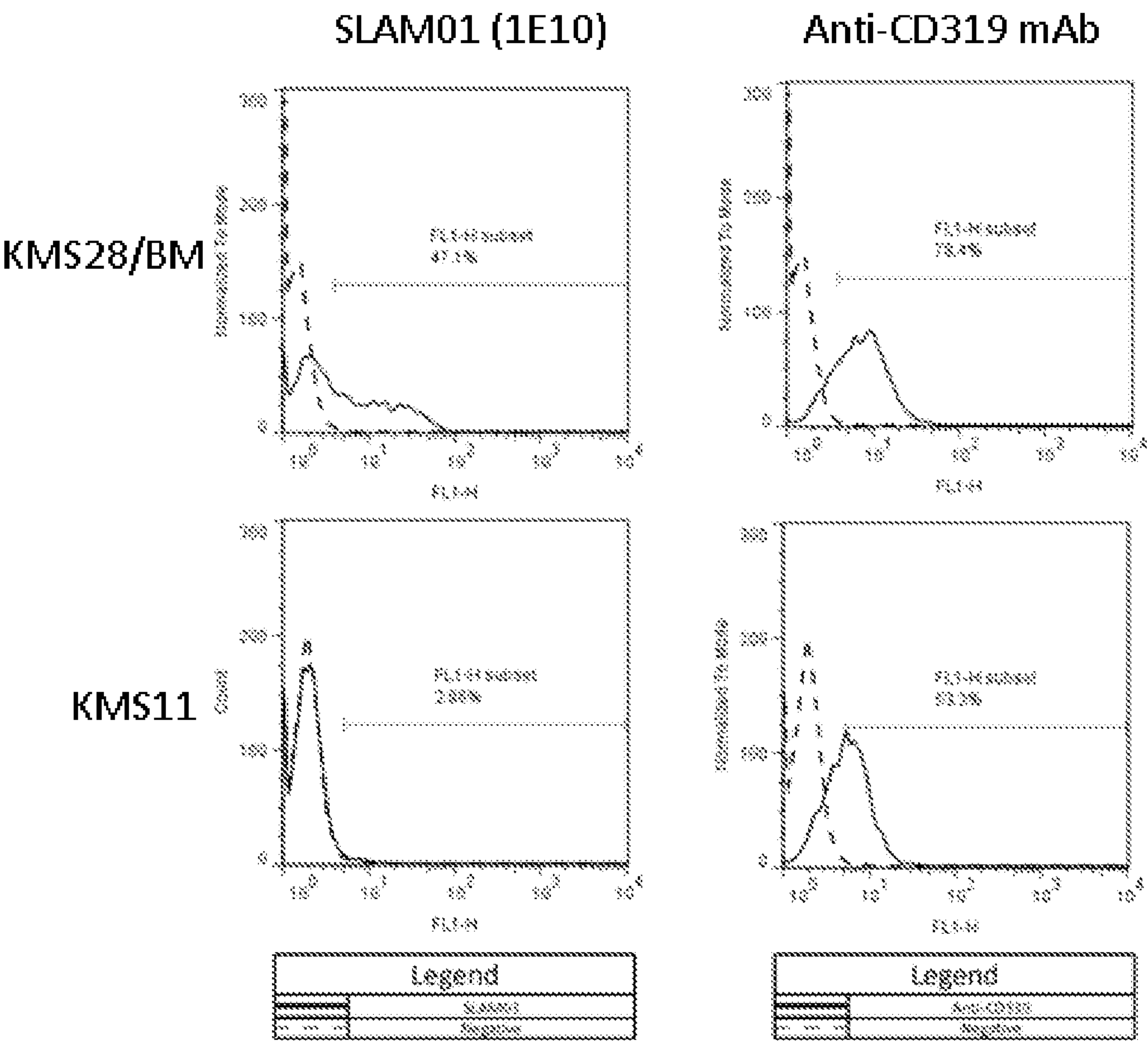


FIG. 3

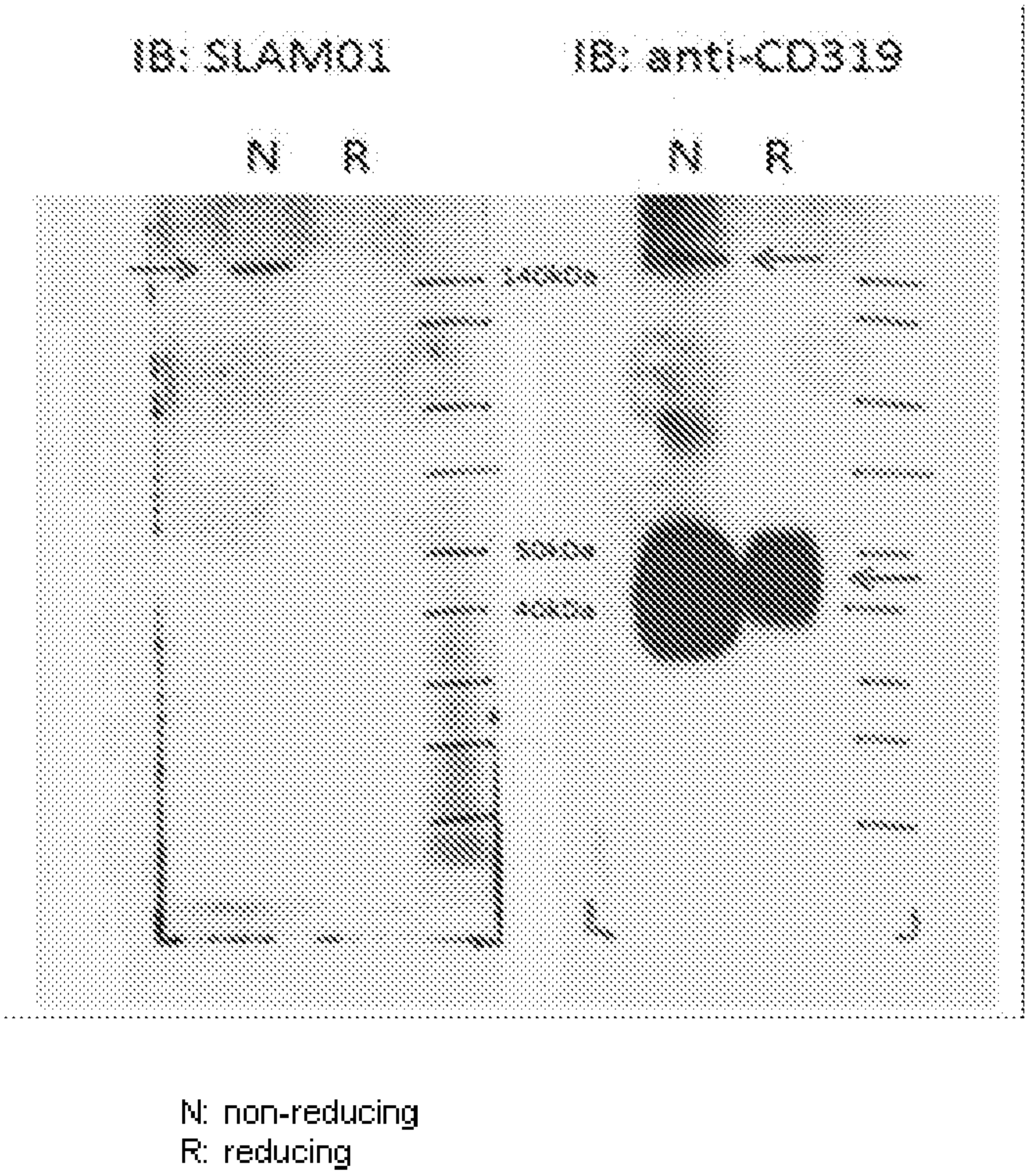


FIG. 4

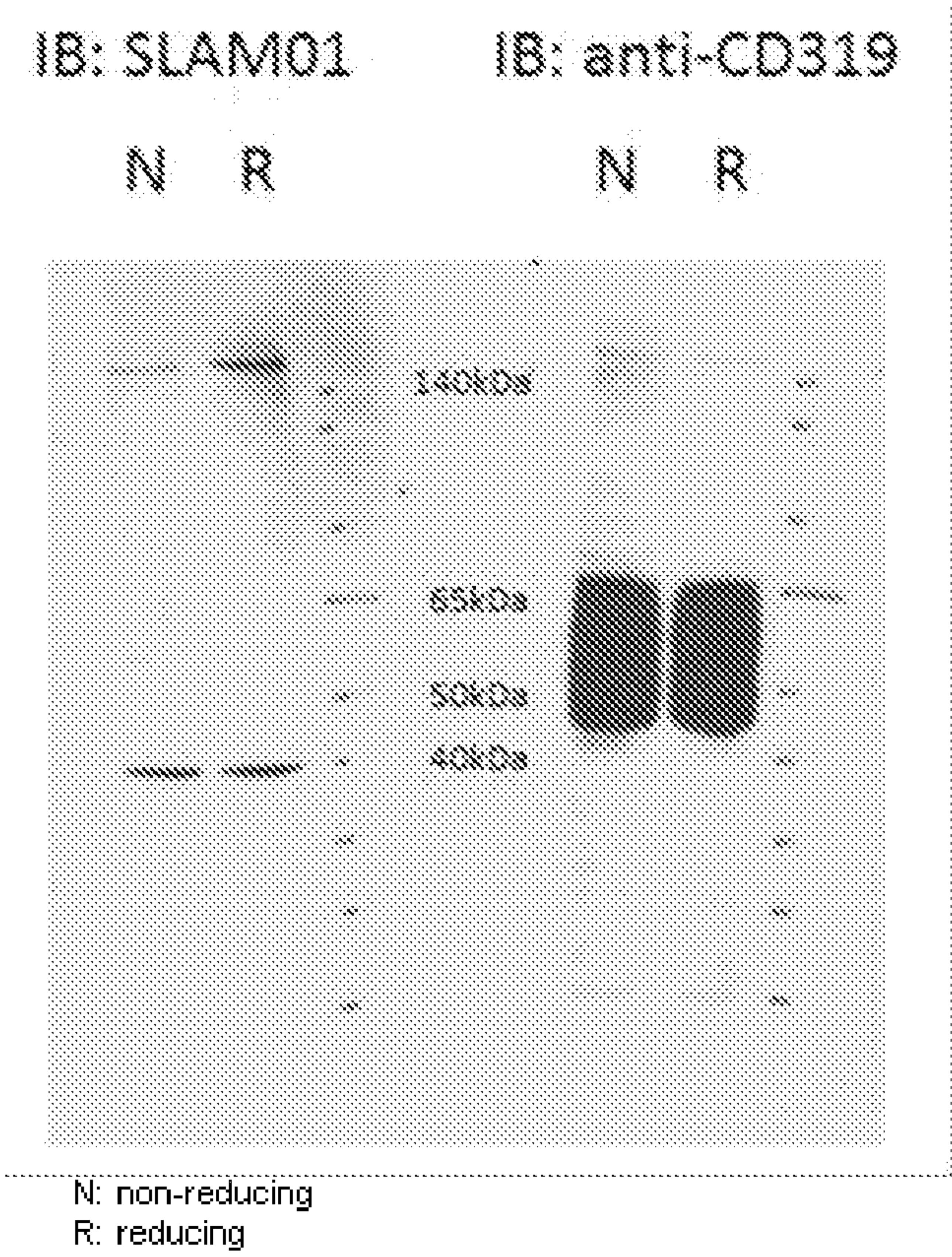


FIG. 5

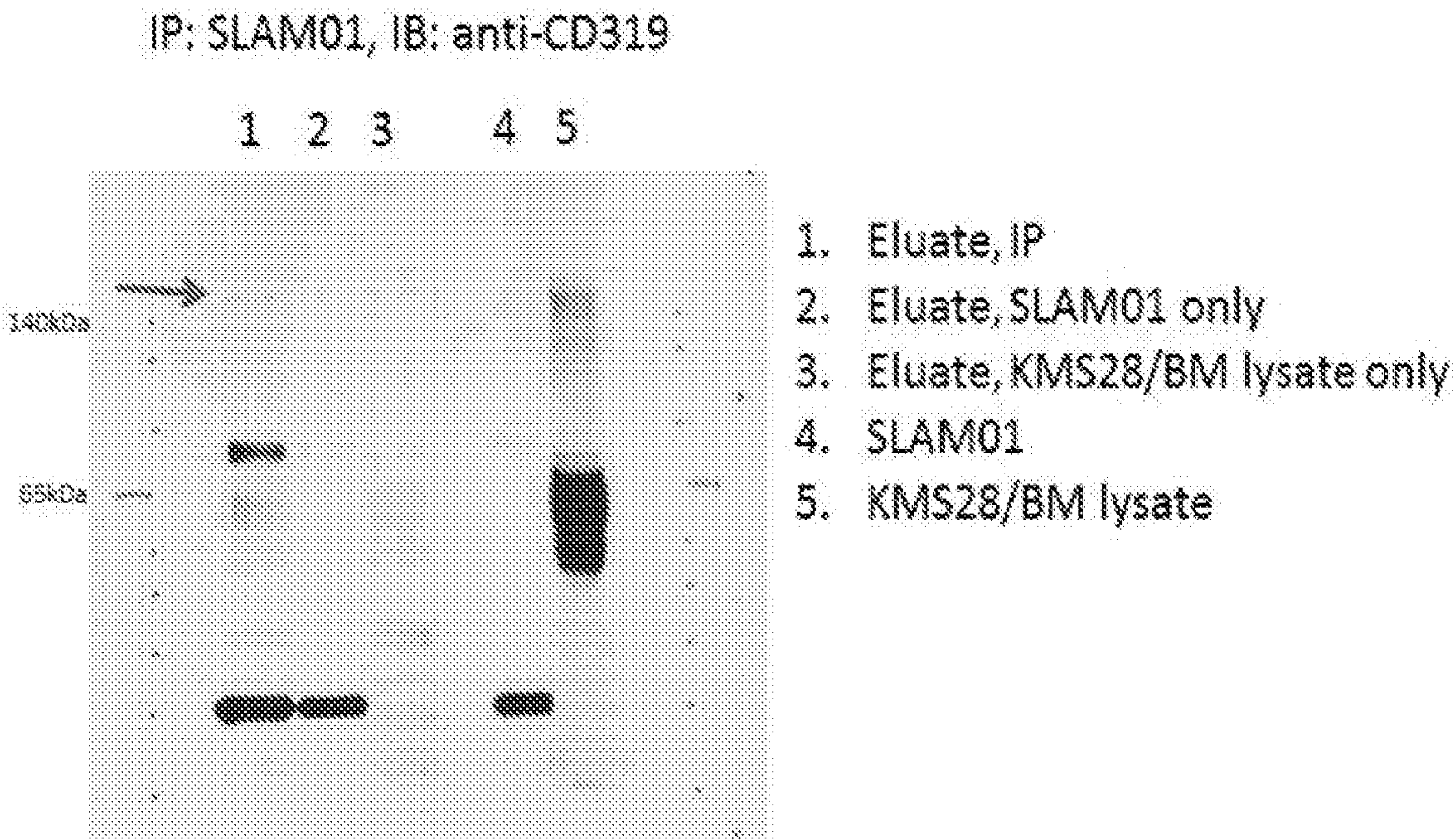


FIG. 6

Cell line type	Cell line	% Binding	
		SLAMF01	Anti-CD319
t(4;14) Multiple Myeloma	KMS11	-	+
	KMS28/BM	-/+	+++
	KMS18	-	+++
	OPM2	-	+++
Non t(4;14) Multiple Myeloma	MM1.S	-	++
	OCI-MY5	-	-/+
	RPMI8226	-	-
Burkitt's Lymphoma	P493	-	-
Acute Myeloid Leukemia	MOLM14	+++	-/+
	KG1	+++	-/+
	OCI-AML2	+++	+++
	OCI-AML3	+++	+++
	NB4	+	+
	MV4-11	++	++
	EOL1	+++	-/+
	Mono-Mac1	+++	+++
	HL60	++	+
	MEG01	++	-/+
	THP1	+	-/+
	CMK	-	-
	HEL	-	-
	MGS	-	-

Legend:
-: <20%
+/-: 20-40%
+: 40-60%
++: 60-80%
+++: >80%

FIG. 7

Cell line type	Cell line	% Binding	Legend:
NSCLC	PC9	+++	-: <20%
			+/-: 20-40%
Ovarian	OVCAR3	+++	+: 40-60%
	SKOV3	+	++: 60-80%
			+++: >80%

FIG. 8

Cell type	Cell line	% Binding
Epithelial	MCF10a	-
	HME1	-
	HEK293	-
	HPNE	-
Endothelial	HUVEC	-
	b4G12	-
Adult MSC	1 donor	-
PBMC	3 donors	-

Legend:

- : <20%
- +/-: 20-40%
- +: 40-60%
- ++: 60-80%
- +++>80%

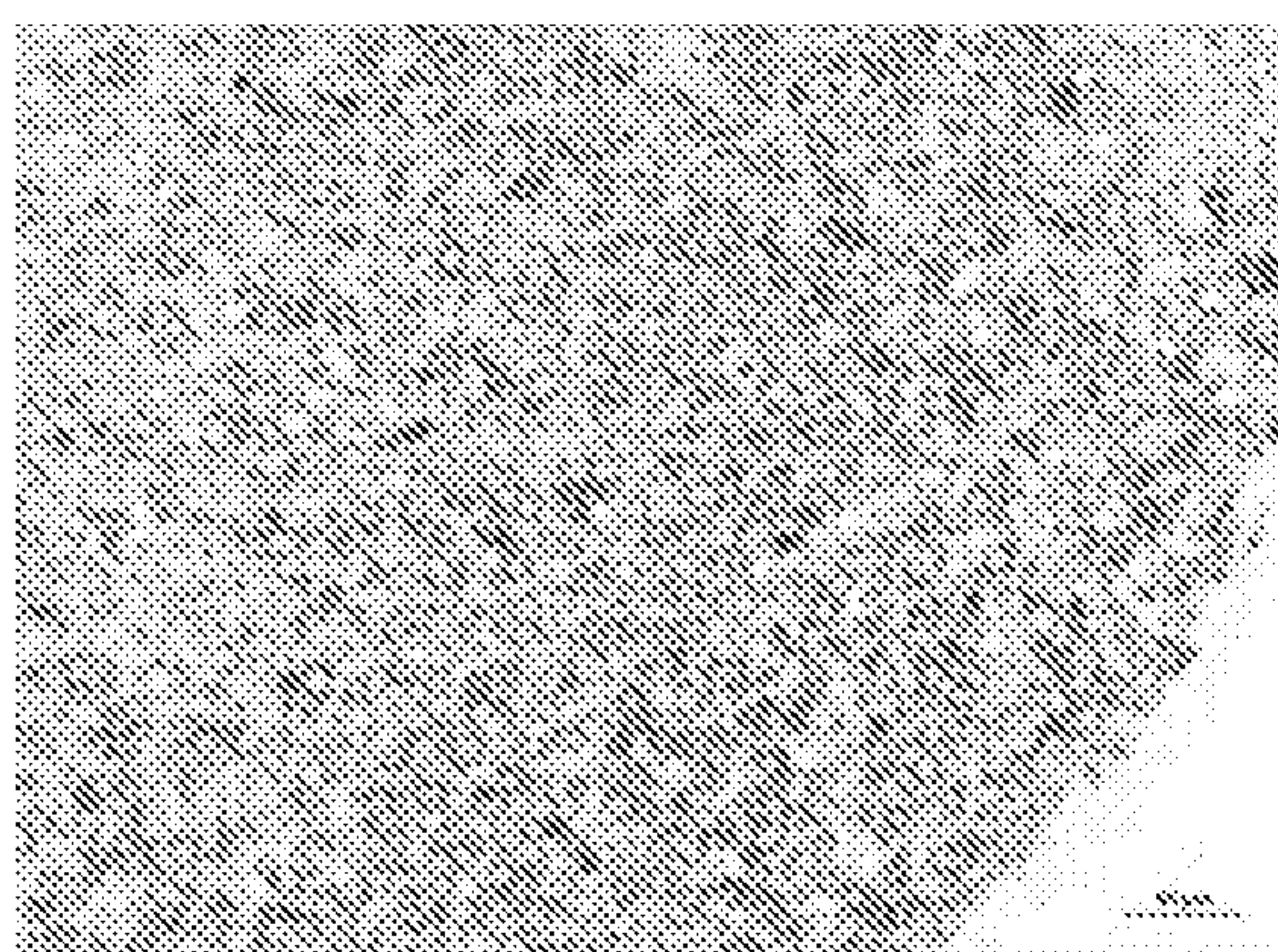
9/ 30

FIG. 9

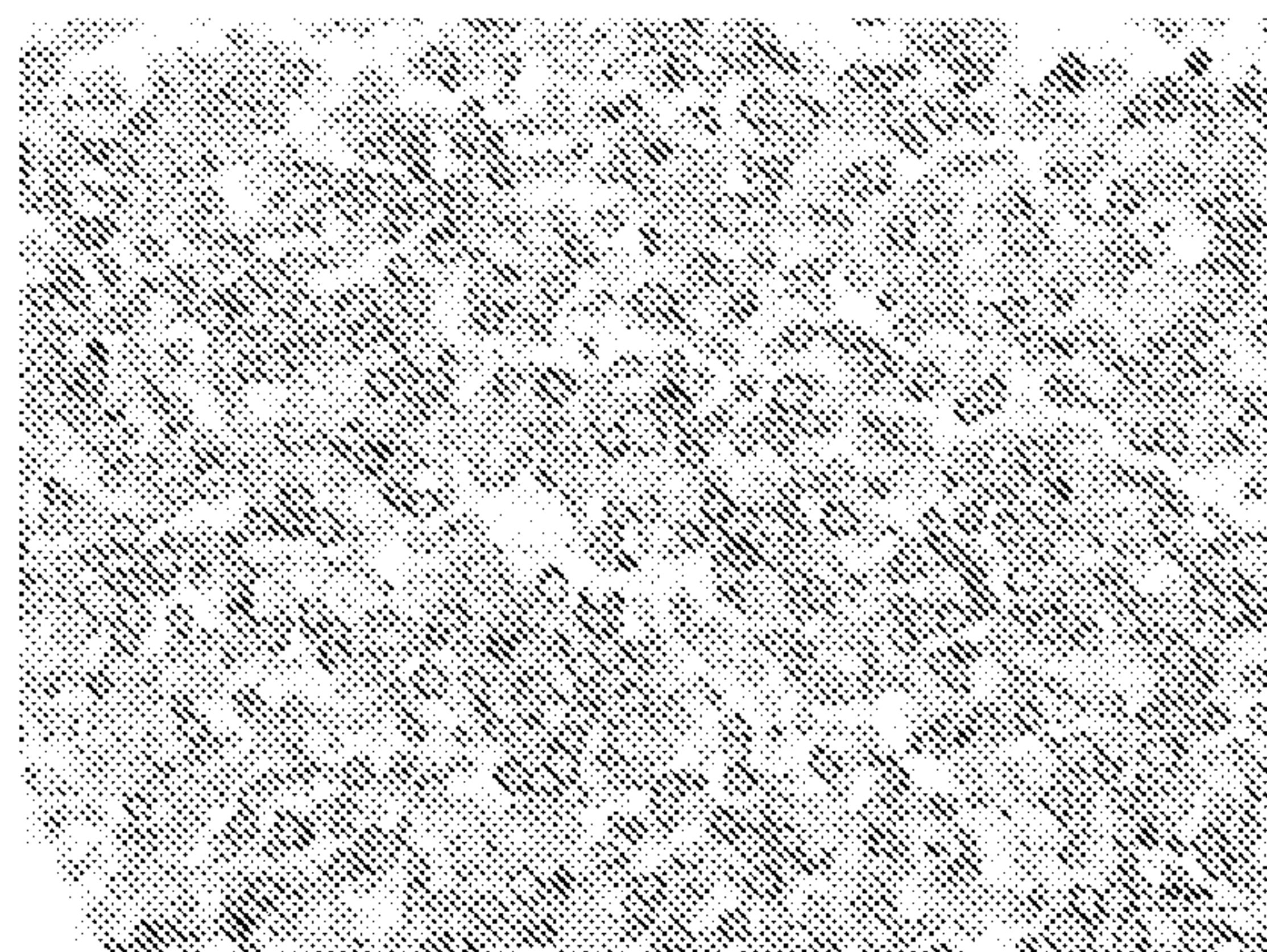
	1	2	3	4	5	6	7
1	786-D Kidney	A2780 Ovarian (M, StemA)	A549 Lung (NSCLC)	ACHN Kidney	AGS Gastric Adenocarcinoma	BT549 Breast TNBC	BxPC3 Pancreas
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
2	Caki-3 Lung (NSCLC)	OM1 Ovarian (Int. St. StemA)	CL-75 Lung (Gefitinib-Resistance)	OMK AML DS-Child	COLO205 Colorectal Metastatic-Ascites	QLD1 Colorectal Primary Tumor	H1299 Lung (NSCLC)
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
3	HaCat Normal Keratinocytes	HCC827 Lung (NSCLC)	HCT116 Lung (NSCLC)	HCT15 Colorectal Primary Tumor	HEK293 Normal Embryonic Kidney	HeLa Cervical	Hep G2 Liver
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
4	HE53 Normal Embryonic Stem Cell	HEY Ovarian (Int. M)	HEF1 Normal Fibroblast	HME1 Normal MERT-Mammary	Hs578T Breast TNBC	HT-29 Colorectal Primary Tumor	HMR1EC Normal Vascular Endothelial
	not tested	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
5	IGROV-1-BT1 Ovarian (Int. M)	MIR99 Normal Fibroblast	KMS11 MM (4-14)	KMS18 MM (4-14)	MCF-10A Normal Mammary	MCF7 Breast Luminal A	MDA-MB-231 Breast TNBC
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
6	MEG01 AML Non-DS-A clon	MM1.S MM	Mono-Mac-1 AML	MRC5 Normal Fibroblast	OVCAR-3 Ovarian (E StemA)	PC-9 Lung (NSCLC)	PLC-PRF-5 Liver
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
7	SF-268 Brain GB	SF-295 Brain GB	SK-BR3 Breast HER2+	SK-MEL-2 Skin Melanoma	SK-MEL-28 Skin Melanoma	SKOV-3 Ovarian (Int. M)	SKOV-3 BIF Ovarian (BIF treated)
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+
8	SW620 Colorectal Metastatic-Lymph Node	T-47D Breast Luminal A	THP-1 AML	TK-10 Kidney	TM-17 Head & Neck	XG-6 MM	
	Q1+	Q1+	Q1+	Q1+	Q1+	Q1+	

10/ 30

FIG. 10



Mono Mac 1



PC9

FIG. 11

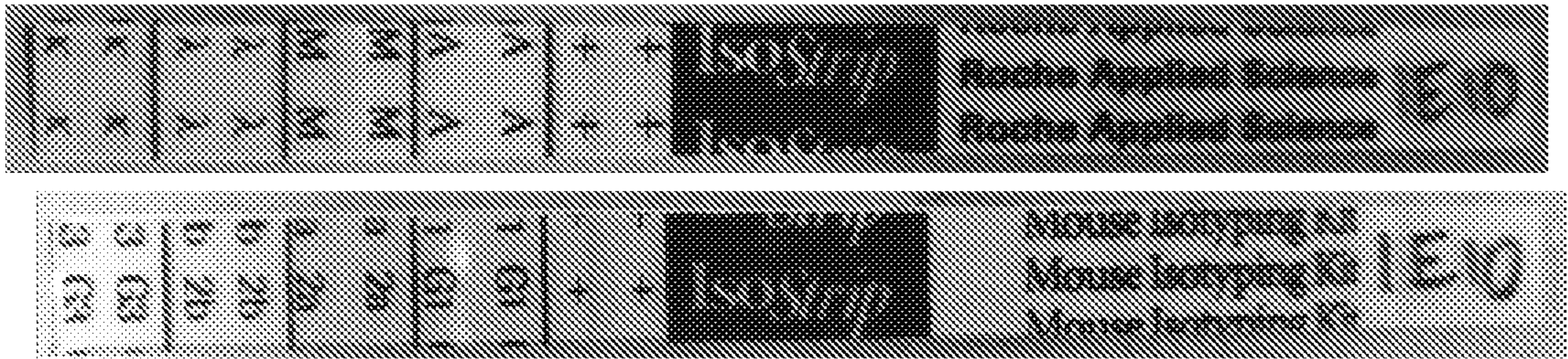


FIG. 12

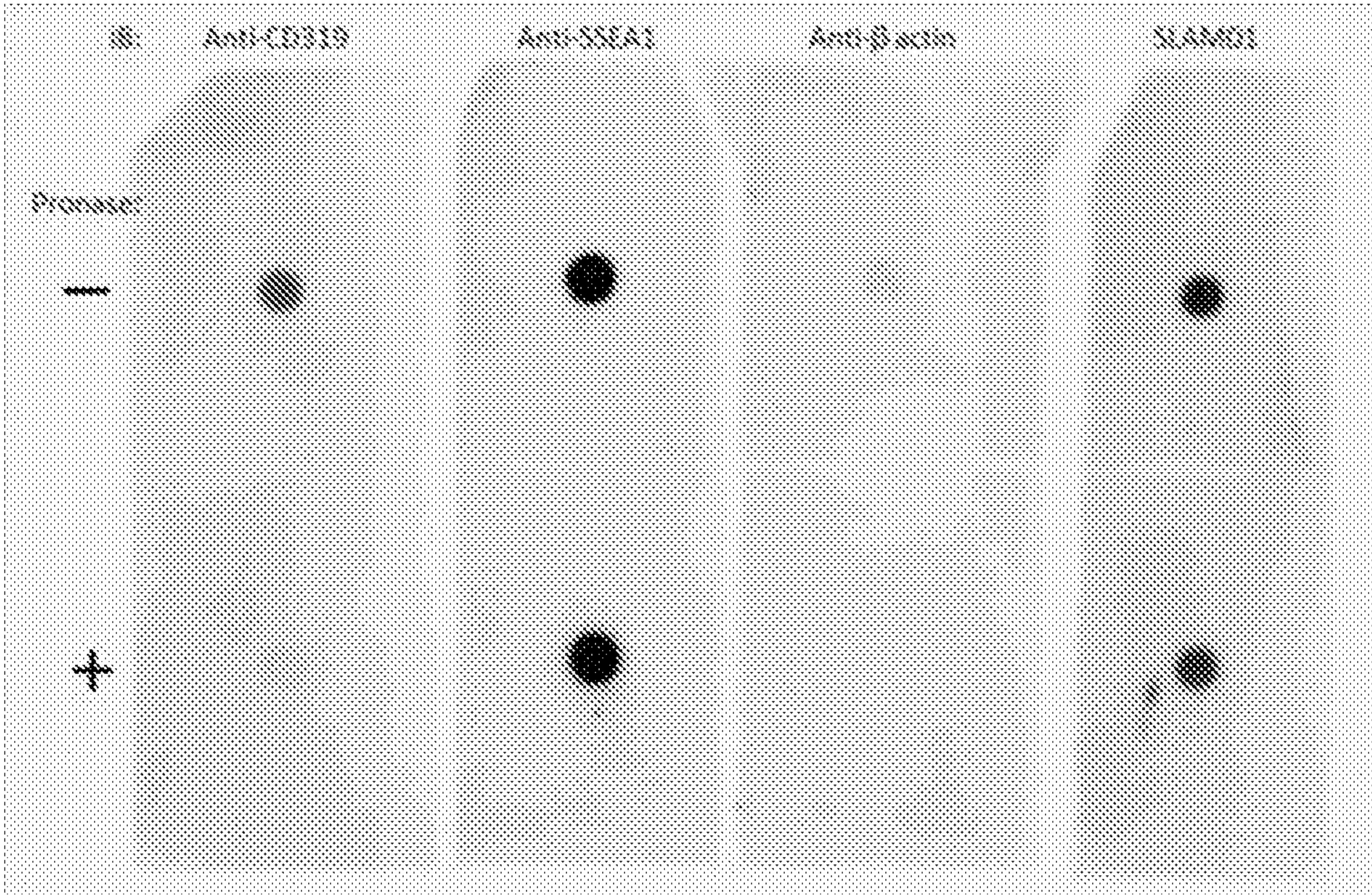


FIG. 13

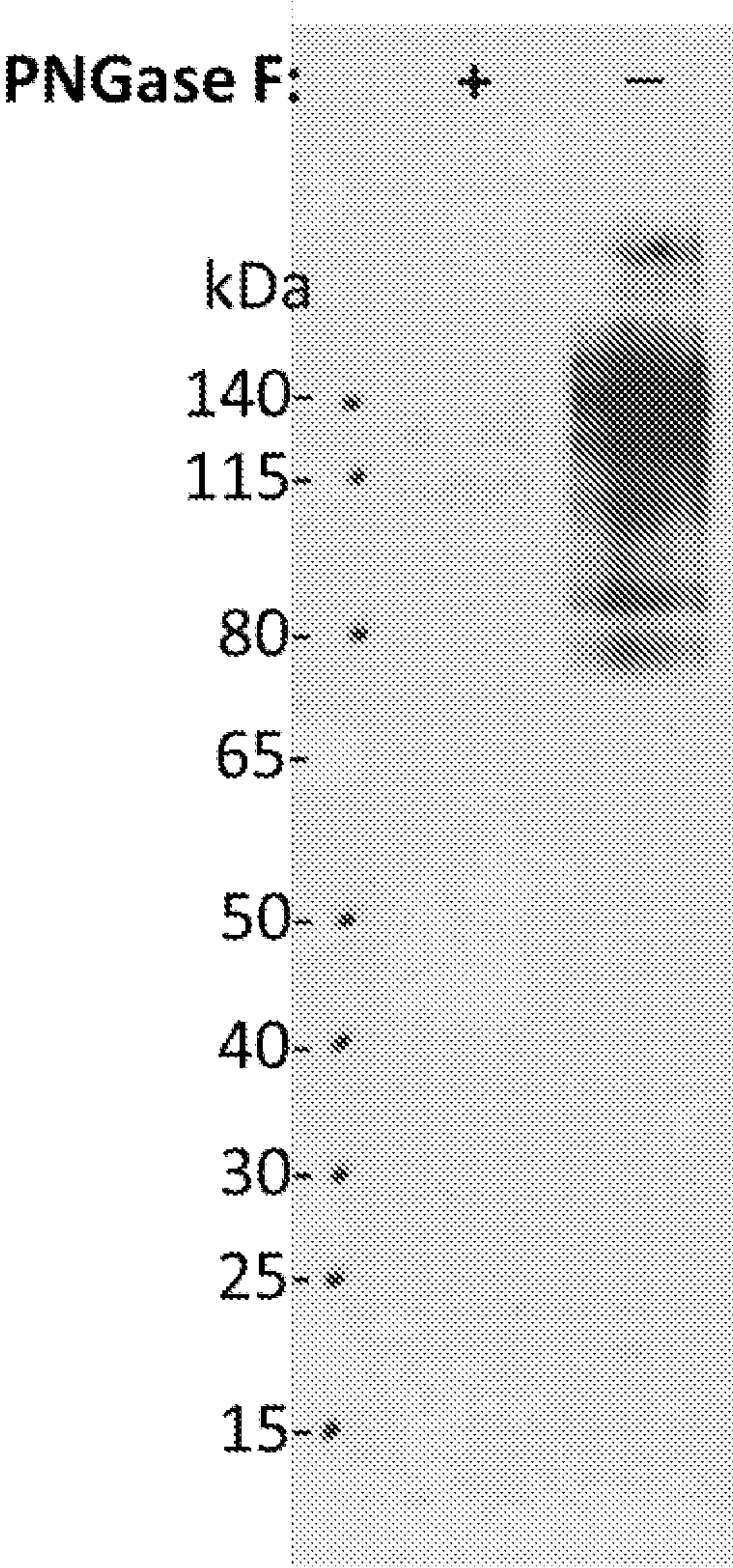


FIG. 14

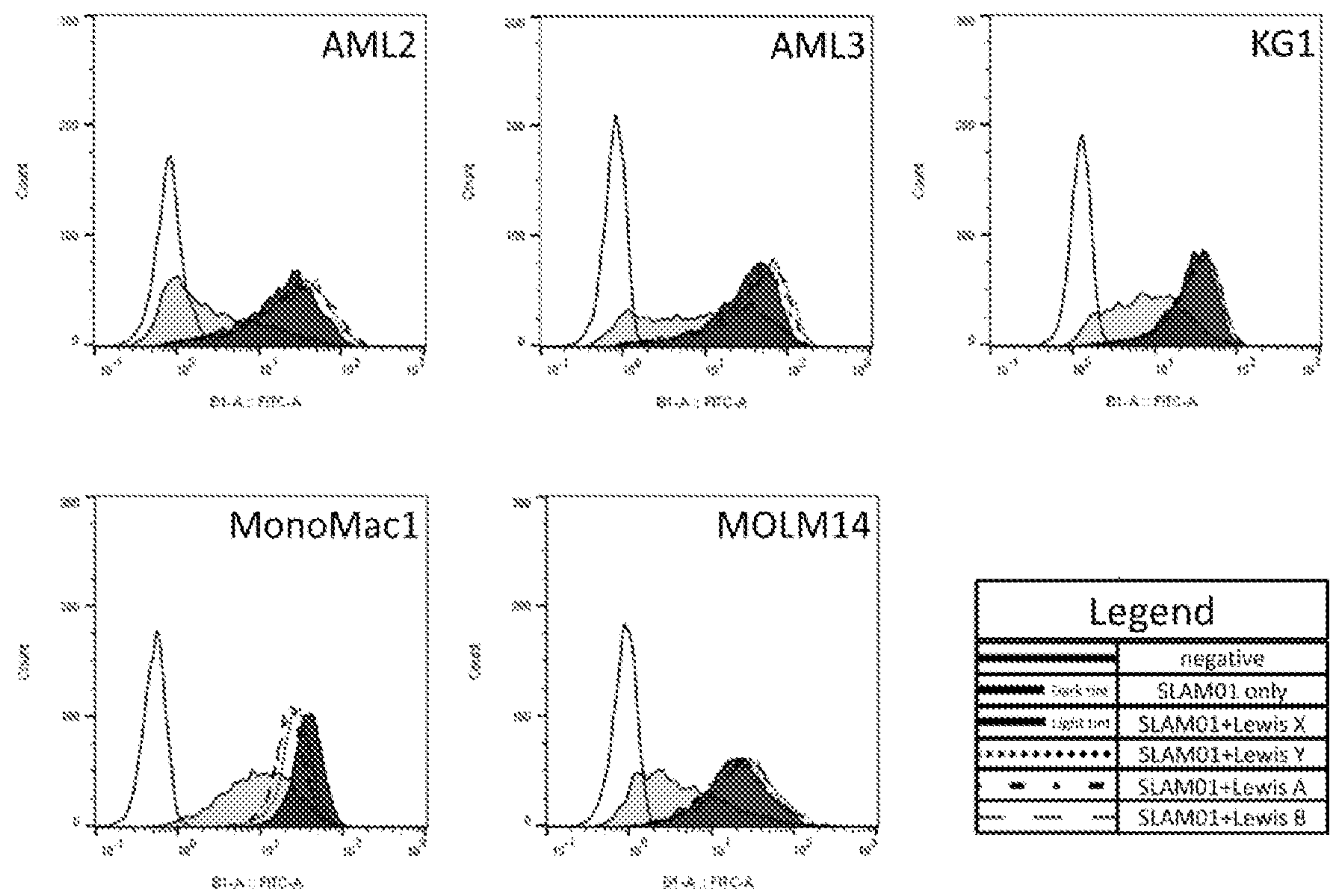


FIG. 15

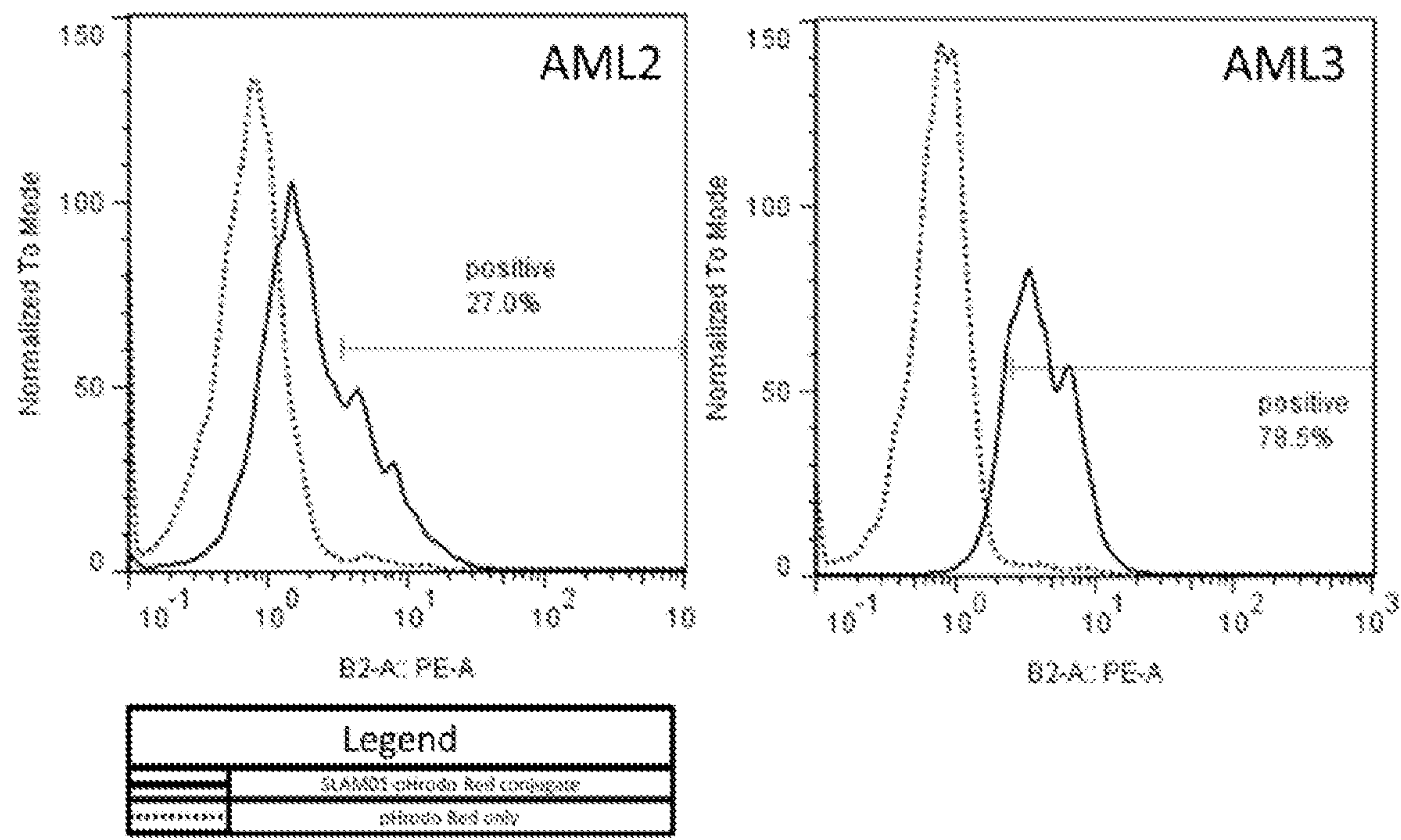
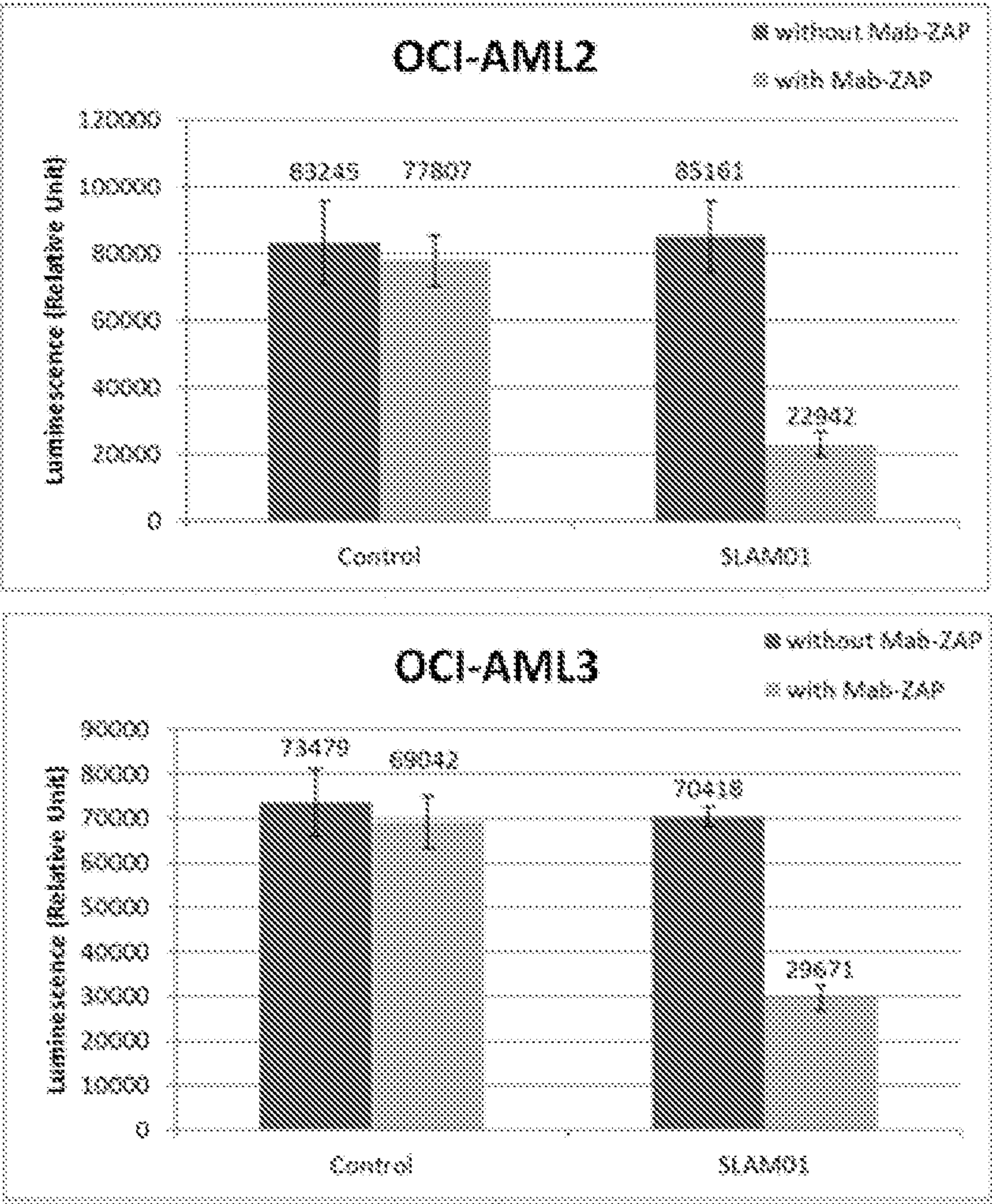


FIG. 16



17/ 30

FIG. 17

Cell lines	Average Binding %	Relative Cytotoxicity %
Mono-Mac-1	99.7	98
MOLM14	98.7	30
OCI-AML3	98.1	83
OCI-AML2	95	79
KG-1	92.9	46
EOL-1	87.5	73
MEG-01	74.8	76
HL60	74	66
MV4:11	65.5	70
NB-4	55.5	51
THP-1	47	73
HEL	2	6
MG-S	1.16	3
CMK	0.905	-14

FIG. 18 A

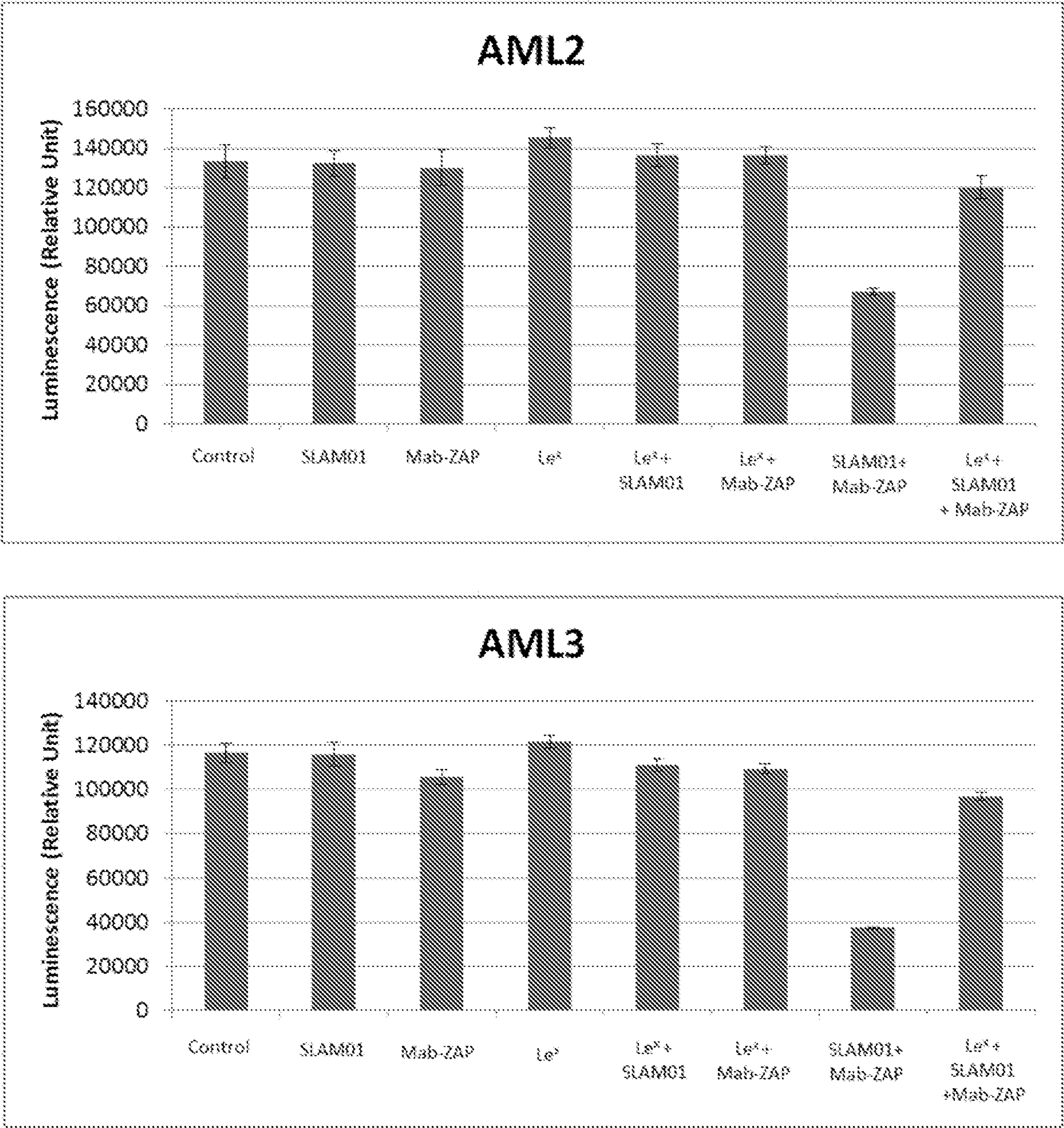


Fig 18 B

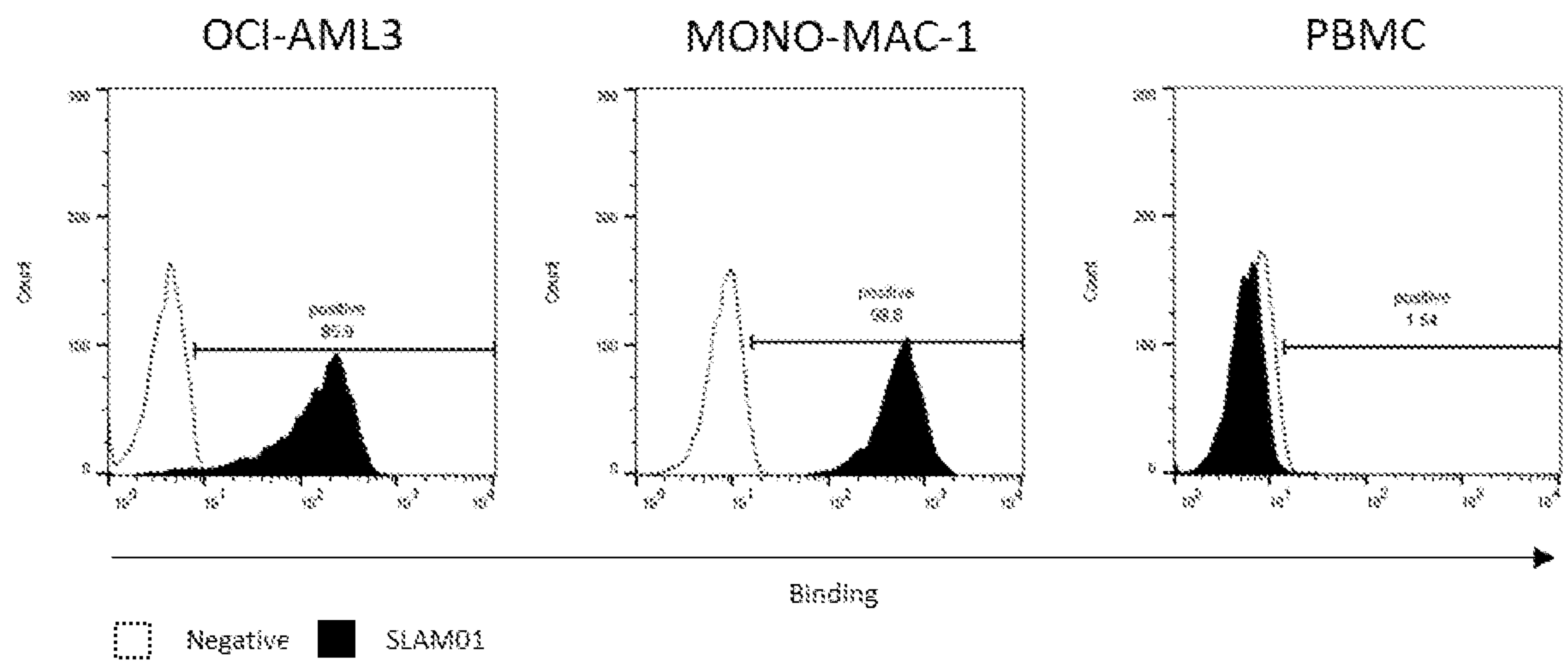


FIG. 19

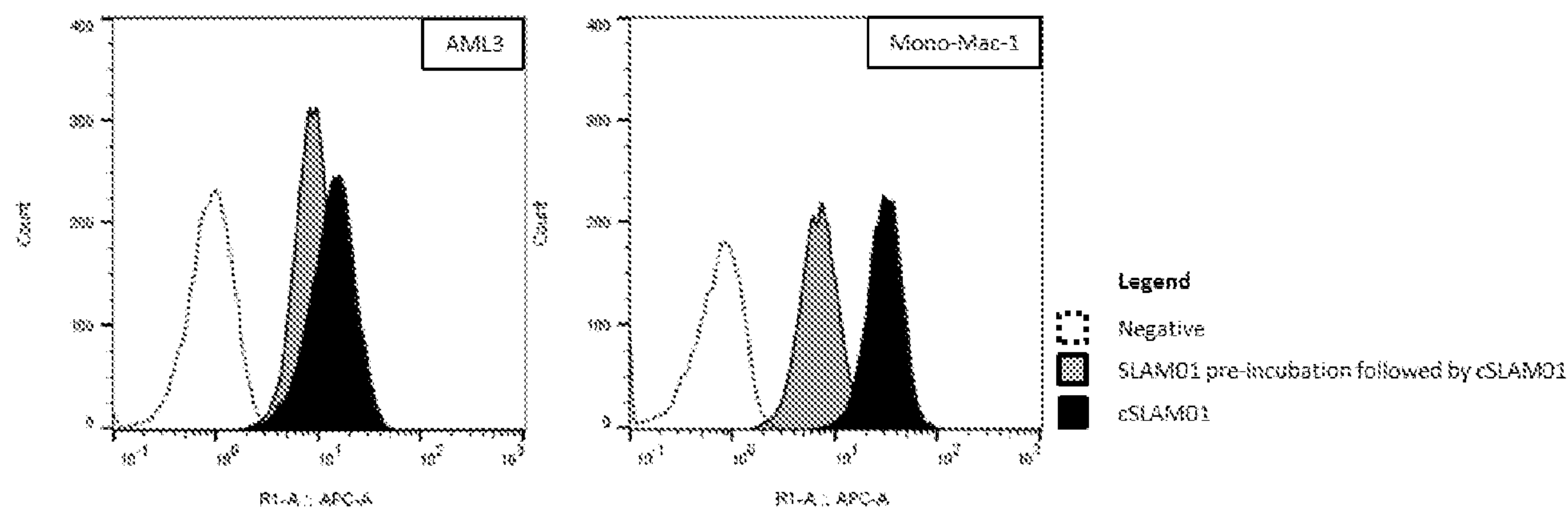


FIG. 20

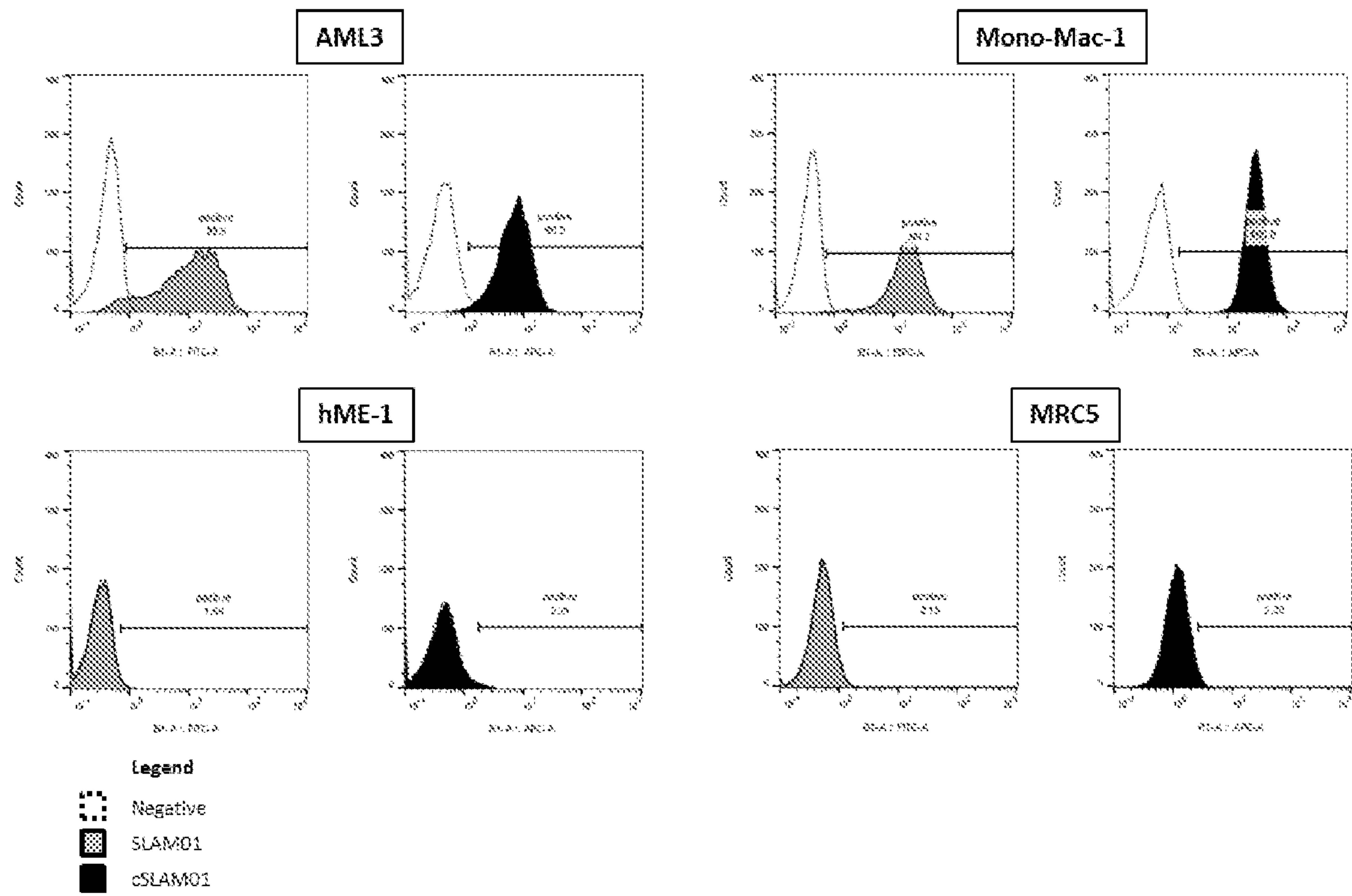


FIG. 21

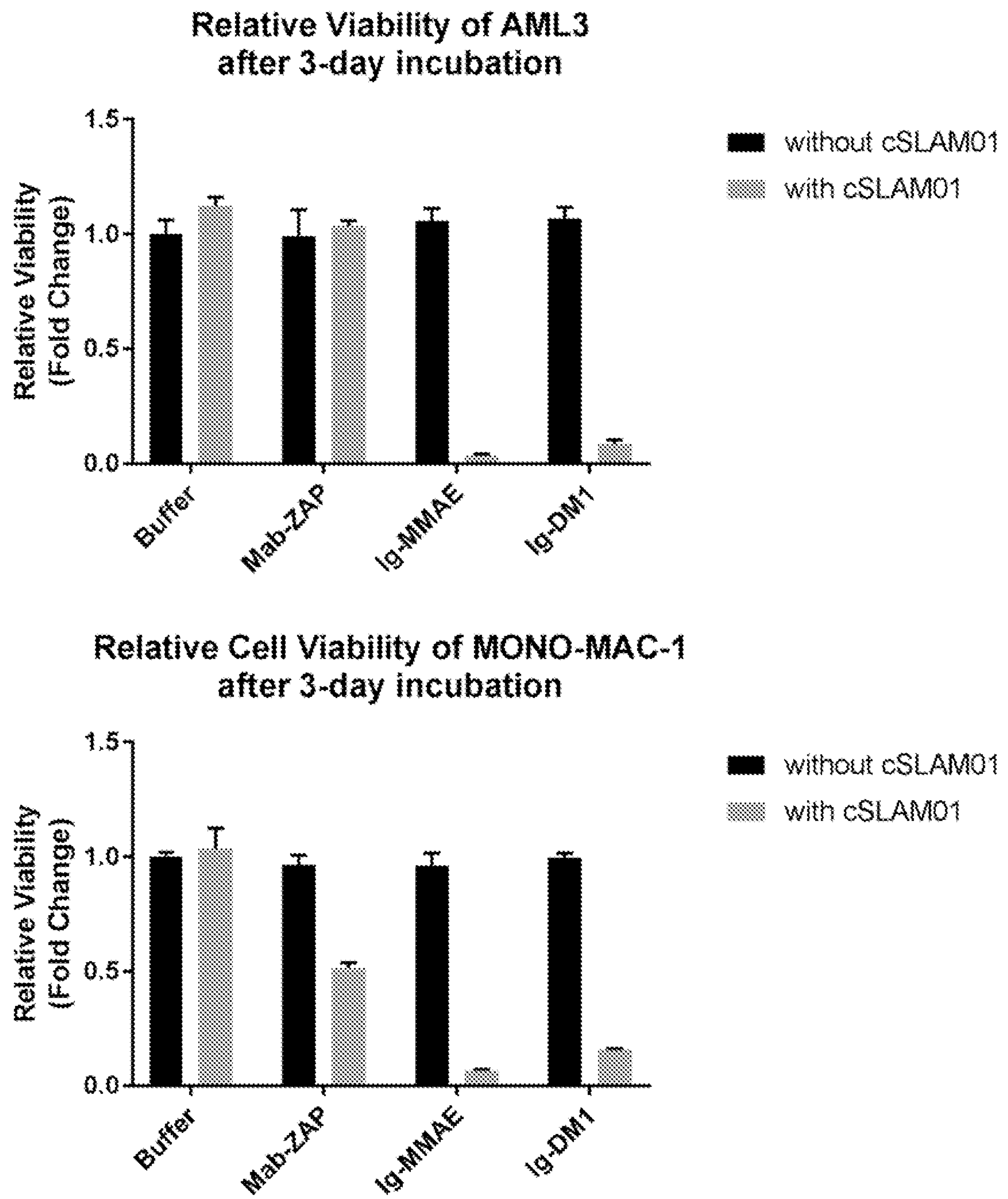


FIG. 22

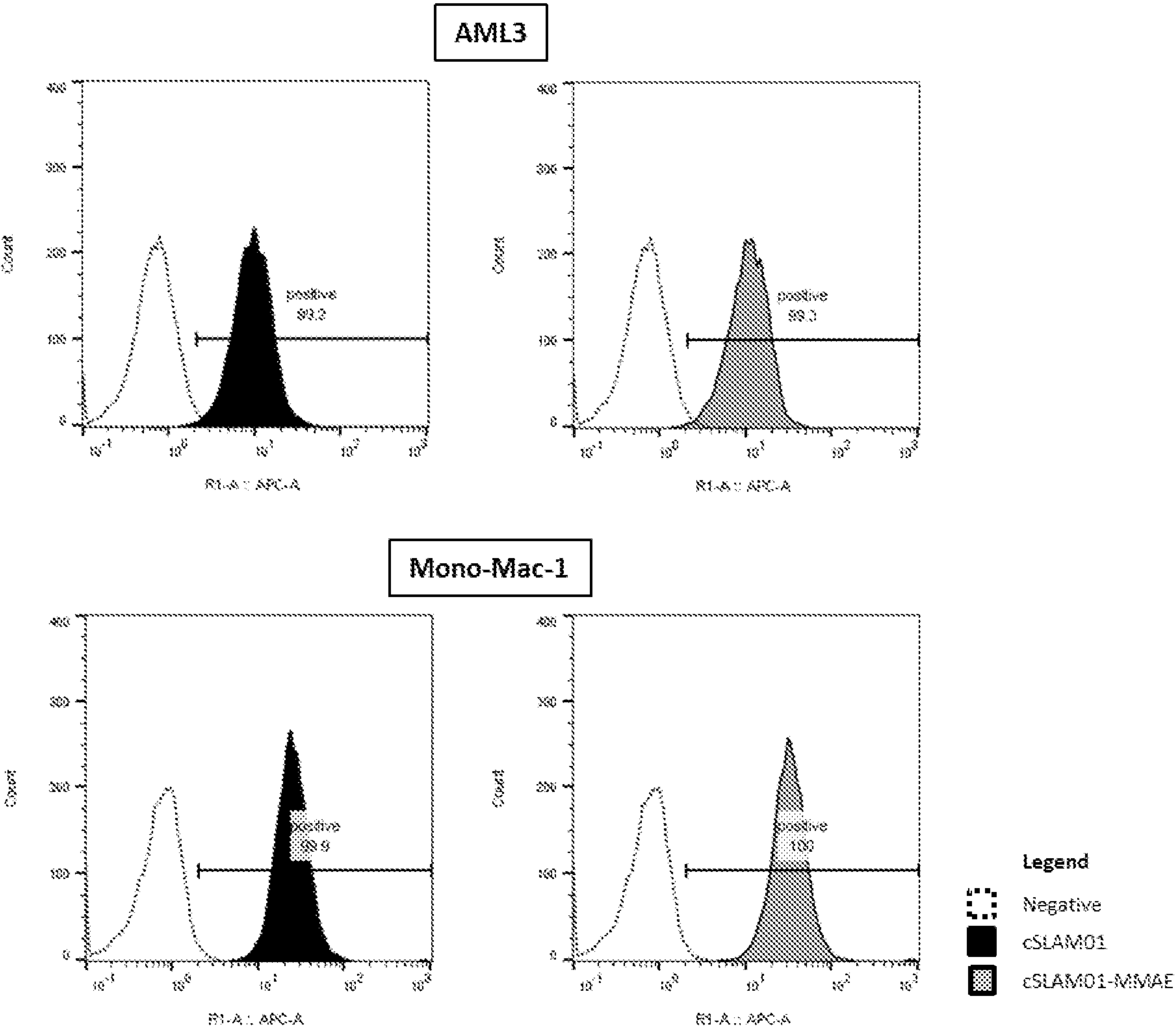


FIG. 23

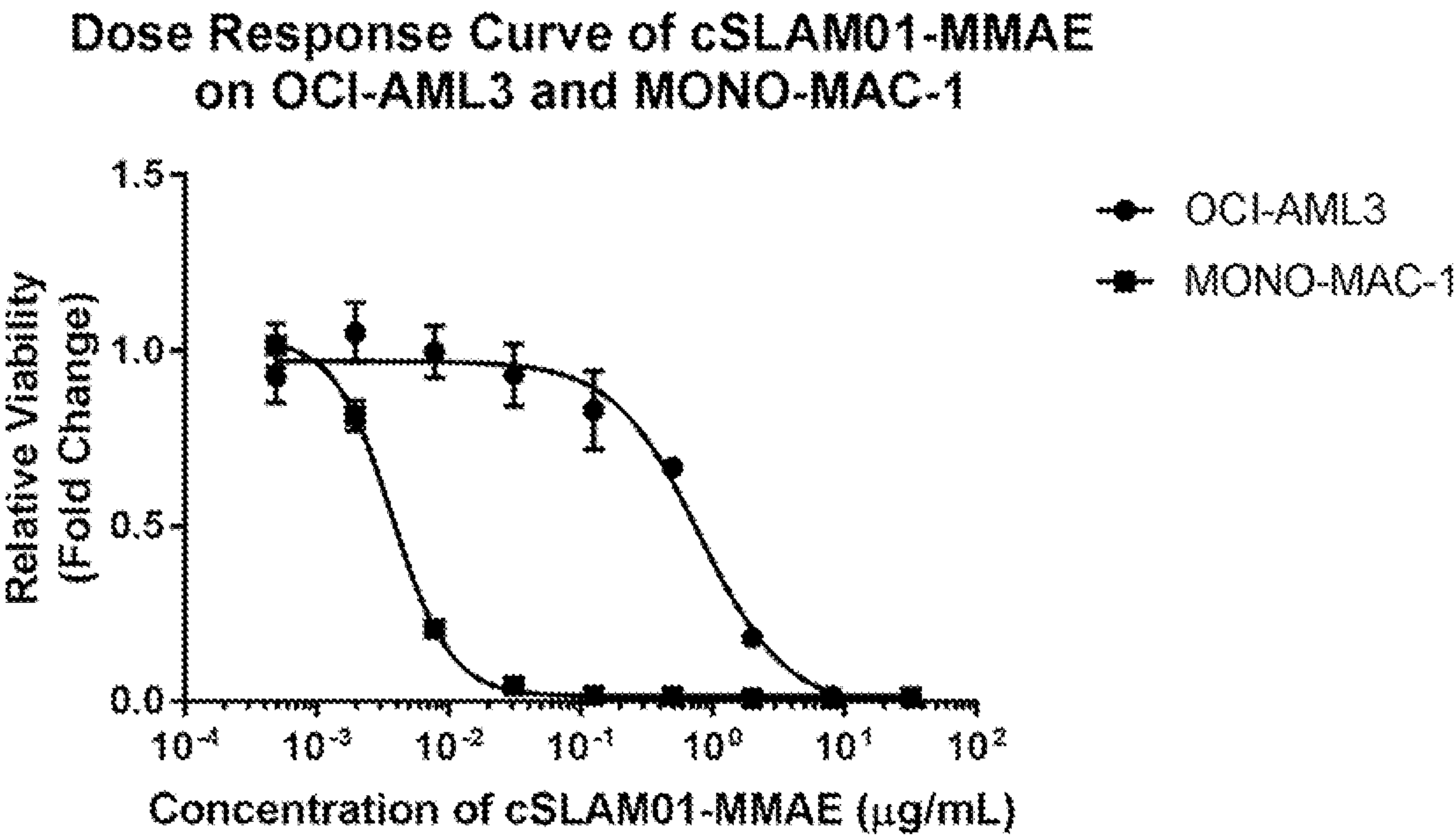


FIG. 24

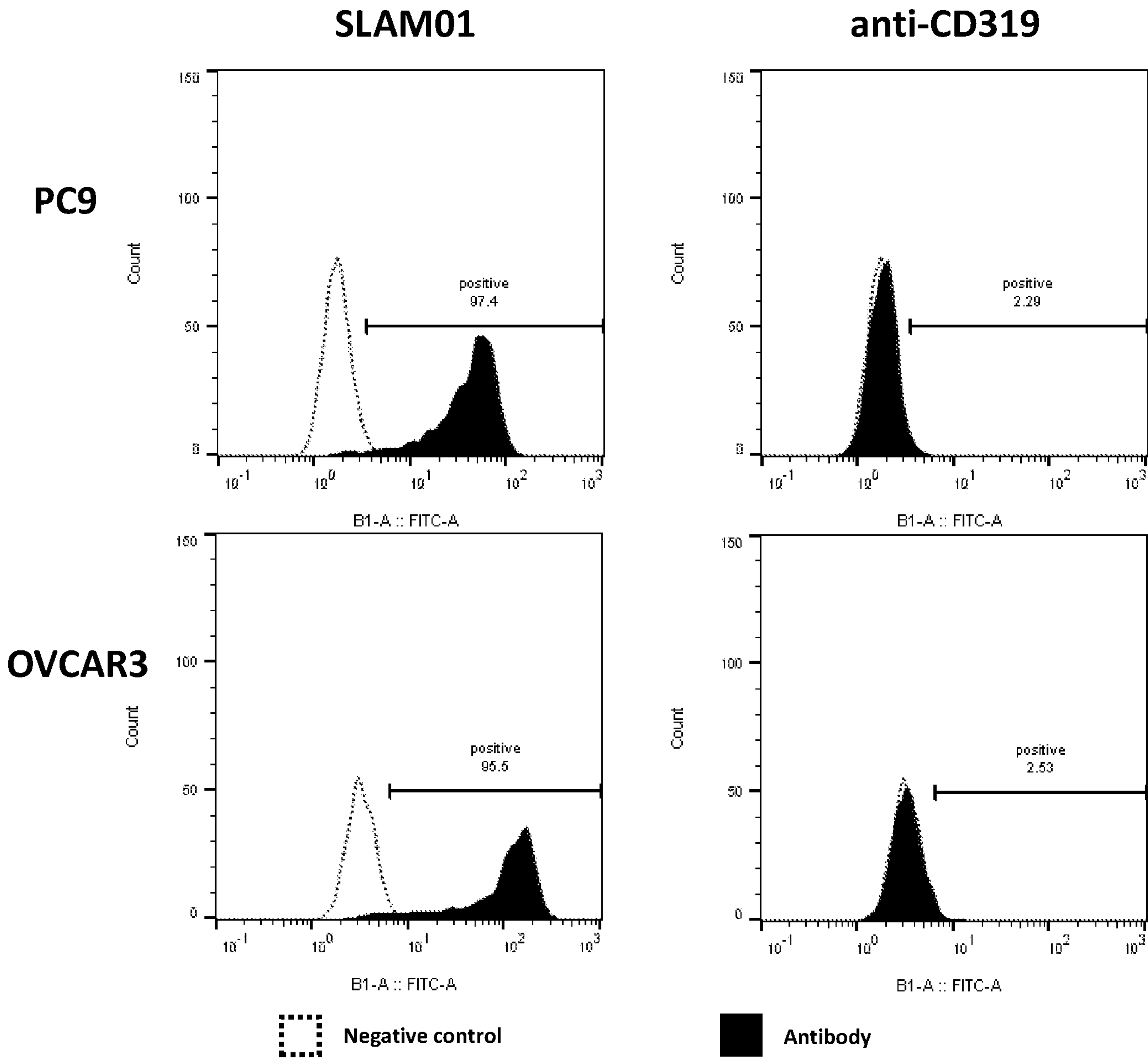


FIG. 25

IP: SLAM01

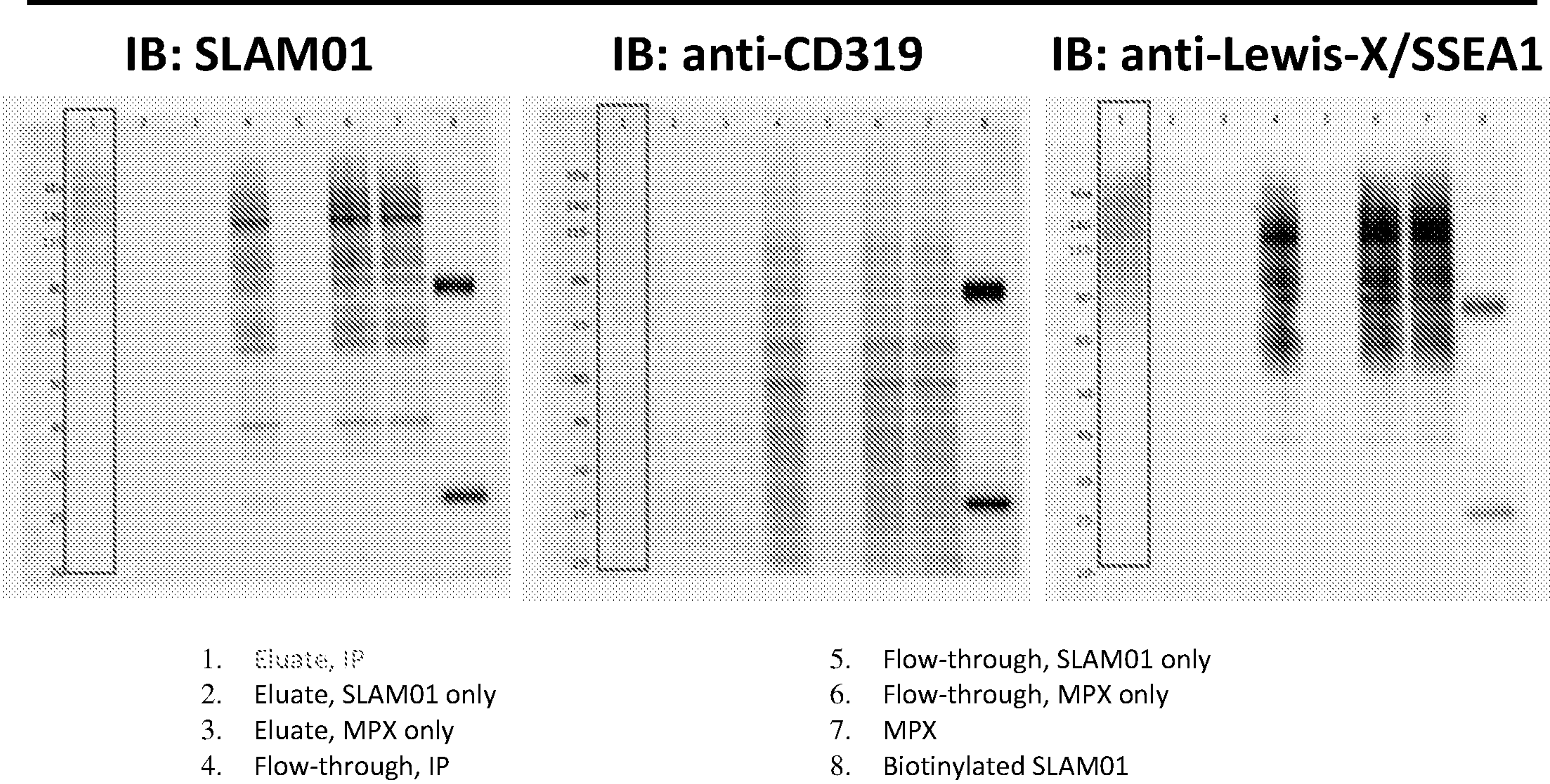


FIG. 26

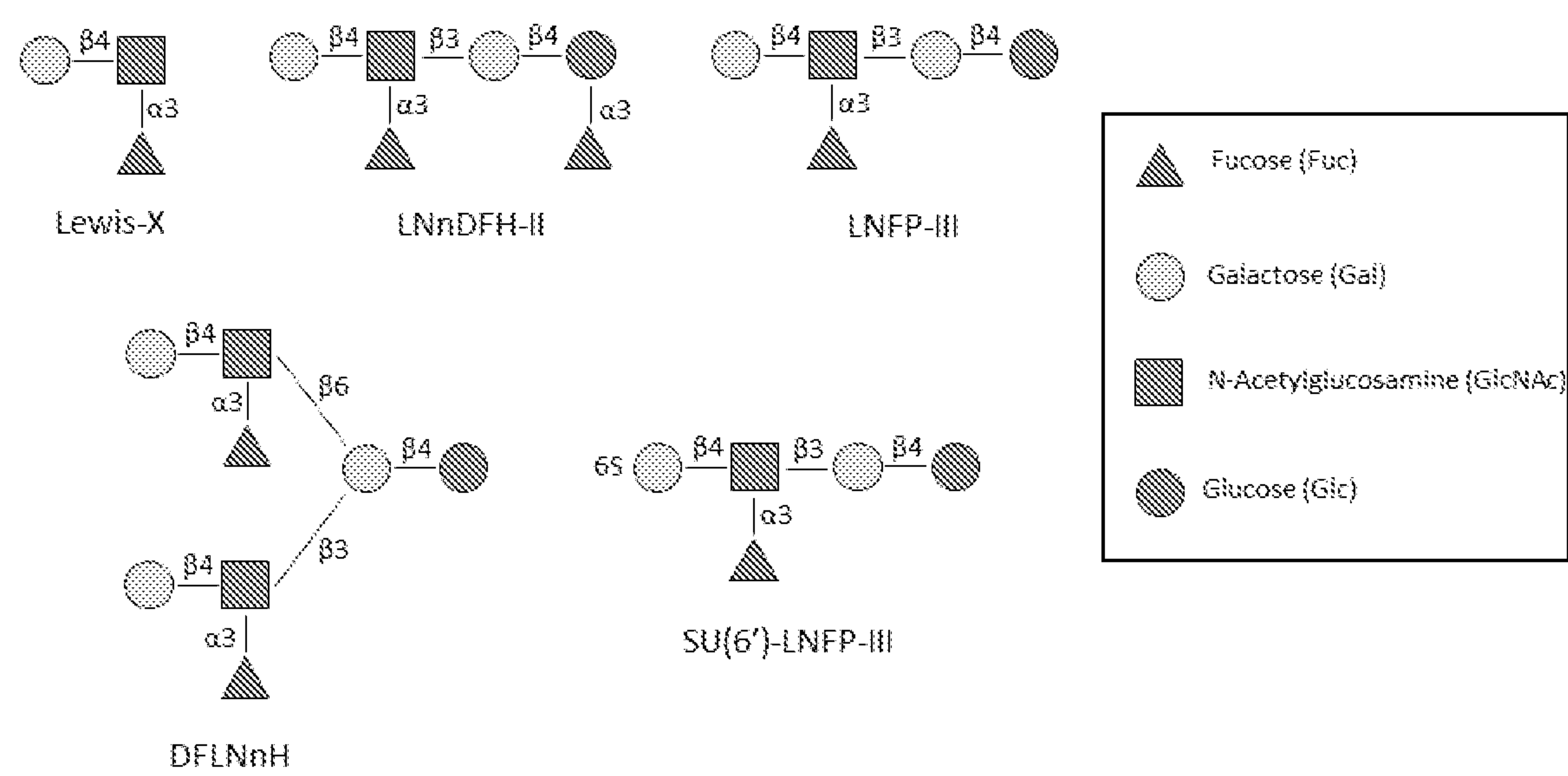


FIG. 27

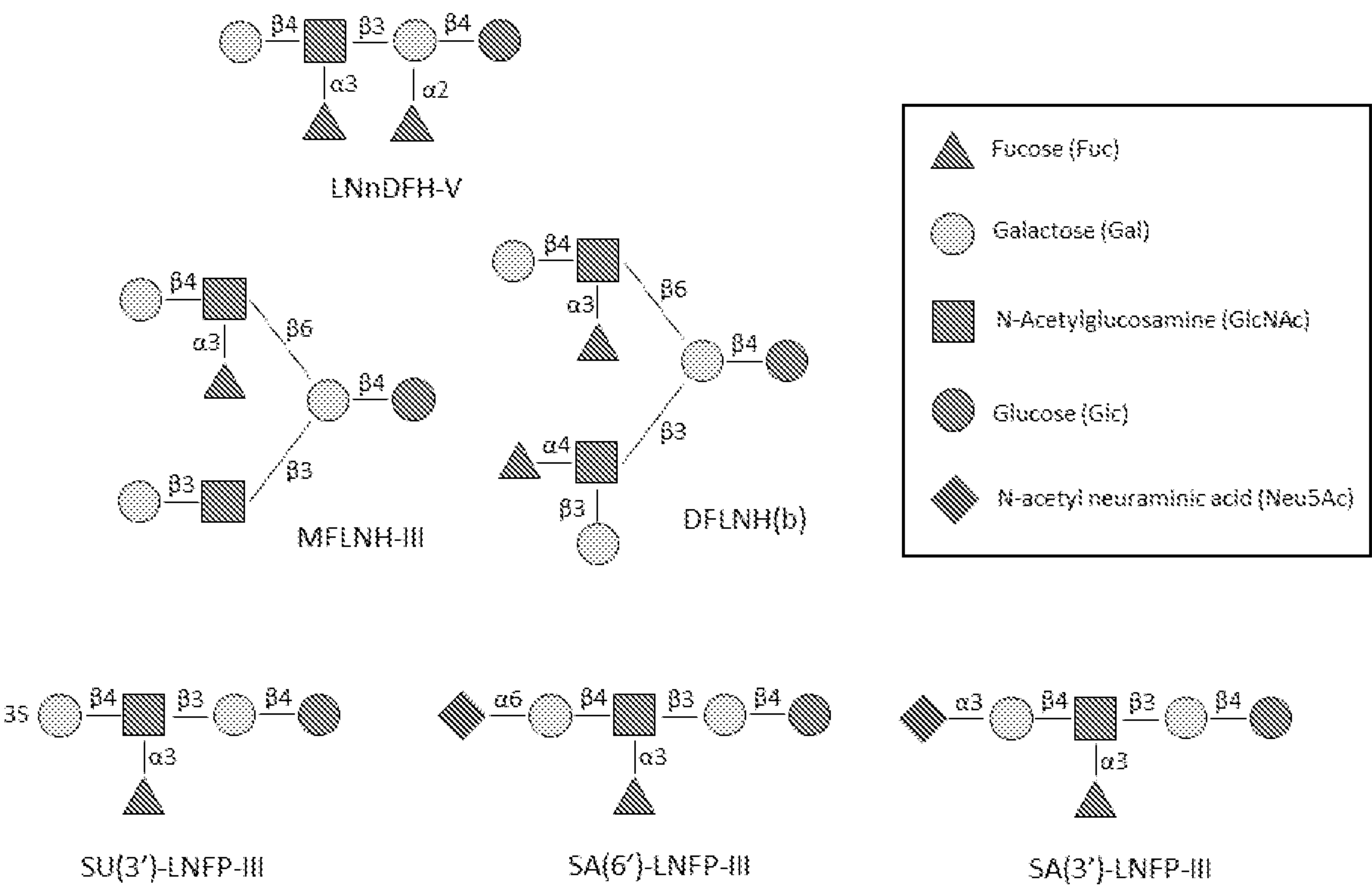
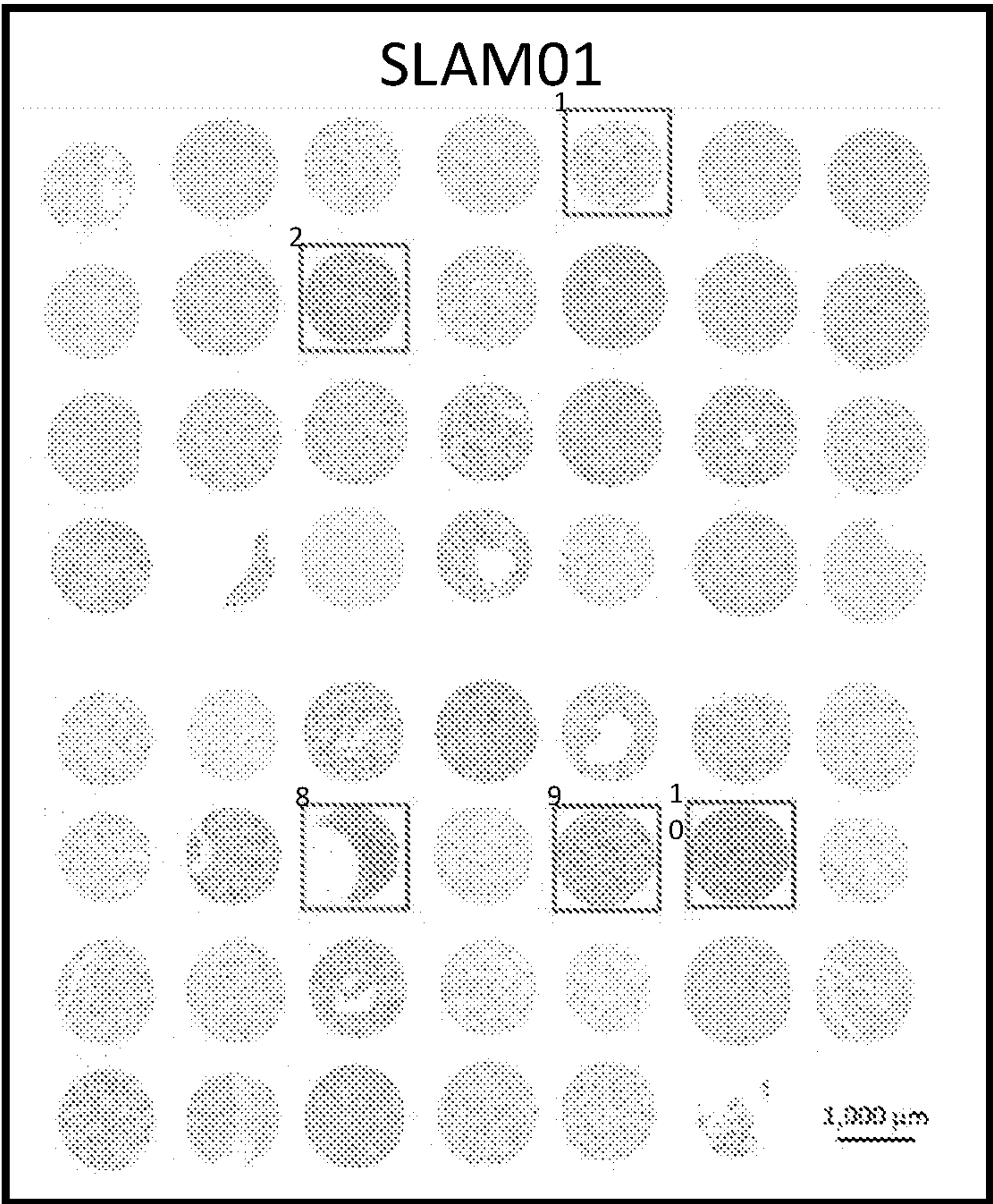
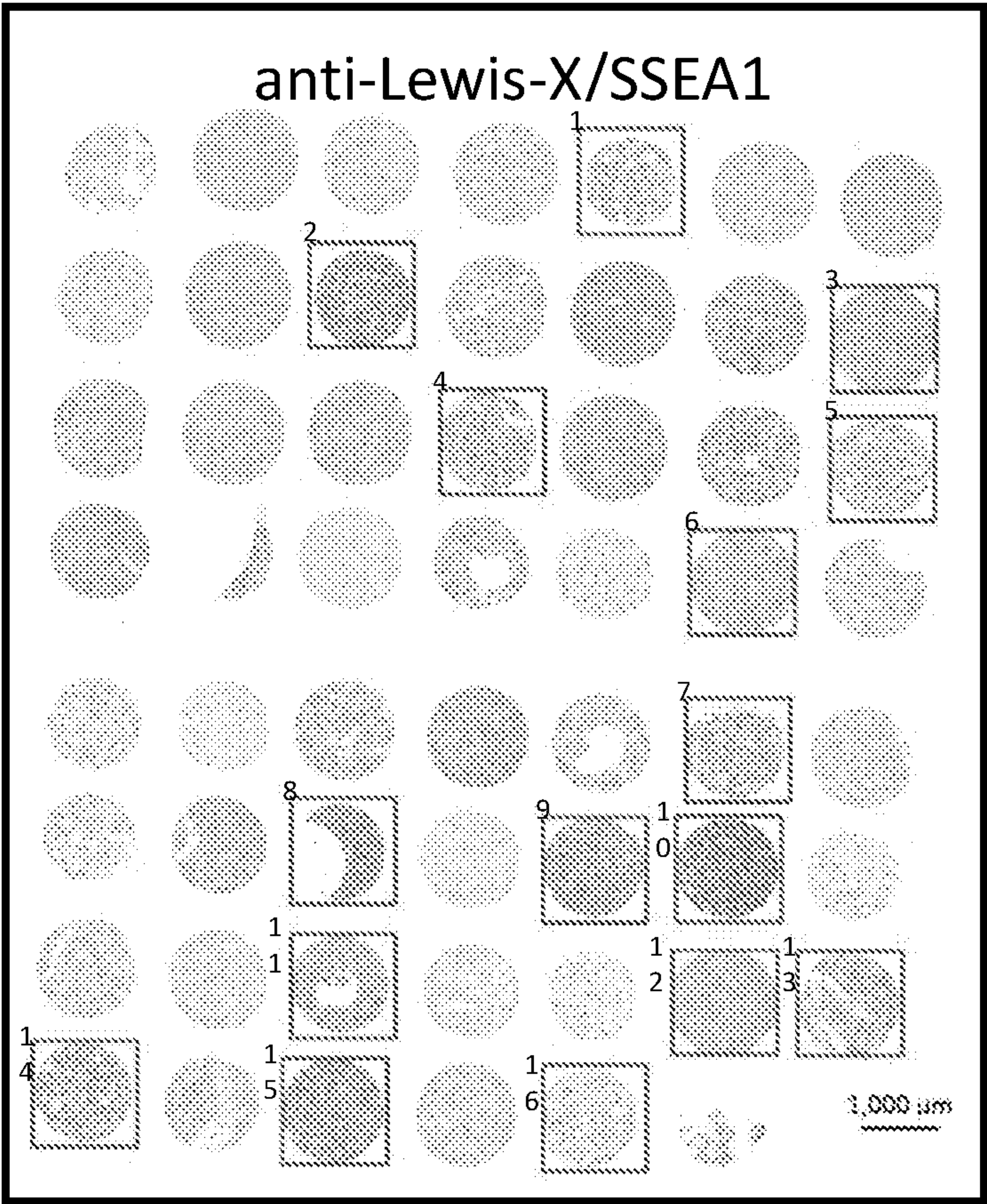


FIG. 28



- 1. AGS (gastric adenocarcinoma)
- 2. CL-75 (non-small cell lung cancer)
- 3. H1299 (non-small cell lung cancer)
- 4. HCT15 (colorectal primary tumor)
- 5. Hep G2 (liver)
- 6. HT-29 (colorectal primary tumor)
- 7. MCF-7 (breast cancer, luminal A)
- 8. MONO-MAC-1 (acute myeloid leukemia)
- 9. OVCAR-3 (ovarian cancer)
- 10. PC-9 (non-small cell lung cancer)
- 11. SK-BR3 (breast cancer, HER2⁺)
- 12. SKOV-3 (ovarian cancer)
- 13. SKOV-3-BIBF (BIBF treated ovarian cancer)
- 14. SW620 (colorectal metastatic lymph node)
- 15. THP-1 (acute myeloid leukemia)
- 16. TM-17 (head and neck cancer)

