

Query protein sequence	E	V	Q	L	V	E	S	G	G	G	L	V	Q	P	G	G	S	L	R	L		
Chothia numbering	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20		
Martin numbering	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20		
Kabat numbering	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10	H11	H12	H13	H14	H15	H16	H17	H18	H19	H20		
REGIONS: CHOTHIA	HFR1																					
ABM	HFR1																					
KABAT	HFR1																					
CONTACT	HFR1																					
4																						
S	C	A	A	S	G	F	T	F	S	T	Y	F	I	H	W	V	R	Q	A	P	G	K
H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40	H41	H42	H43
H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40	H41	H42	H43
H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37	H38	H39	H40	H41	H42	H43
CDR-H1										HFR2												
CDR-H1										HFR2												
CDR-H1										HFR2												
CDR-H1										HFR2												
G	L	E	W	V	A	Y	I	Y	P	Q	G	G	G	Y	T	Y	A	D	S	V	K	G
H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65
H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65
H44	H45	H46	H47	H48	H49	H50	H51	H52	H52A	H53	H54	H55	H56	H57	H58	H59	H60	H61	H62	H63	H64	H65
CDR-H2										HFR3												
CDR-H2										HFR3												
CDR-H2										HFR3												
CDR-H2										HFR3												

↑ ⚡

FIG. 1A

[illegible]

Query protein sequence	D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R	V	T		
Chothia numbering	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20		
Martin numbering	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20		
Kabat numbering	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20		
REGIONS: CHOTHIA																						
LFR1																						
ABM																						
LFR1																						
KABAT																						
LFR1																						
CONTACT																						
LFR1																						
✳																						
I	T	C	R	A	S	Q	S	V	S	S	A	V	A	W	Y	Q	Q	K	P	G	K	A
L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34	L35	L36	L37	L38	L39	L40	L41	L42	L43
L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34	L35	L36	L37	L38	L39	L40	L41	L42	L43
L21	L22	L23	L24	L25	L26	L27	L28	L29	L30	L31	L32	L33	L34	L35	L36	L37	L38	L39	L40	L41	L42	L43
CDR-L1										LFR2												
CDR-L1										LFR2												
CDR-L1										LFR2												
										CDR-L1										LFR2		
⚡																						
P	K	L	L	I	Y	S	A	S	S	L	Y	S	G	V	P	S	R	F	S	G	S	R
L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66
L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66
L44	L45	L46	L47	L48	L49	L50	L51	L52	L53	L54	L55	L56	L57	L58	L59	L60	L61	L62	L63	L64	L65	L66
CDR-L2										LFR3												
CDR-L2										LFR3												
CDR-L2										LFR3												
CDR-L2										LFR3												

FIG. 1B

S	G	T	D	F	T	L	T	I	S	S	L	Q	P	E	D	E	A	T	Y	Y	C	Q	
L67	L68	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	
L67	L68	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	
L67	L68	L69	L70	L71	L72	L73	L74	L75	L76	L77	L78	L79	L80	L81	L82	L83	L84	L85	L86	L87	L88	L89	
																						CDR-L3	
																						CDR-L3	
																						CDR-L3	
																						CDR-L3	

✱

Q	W	T	I	A	L	T	T	F	G	Q	G	T	K	V	E	I	K	R	T	V
L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102	L103	L104	L105	L106	L107	L108	L109	L110
L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102	L103	L104	L105	L106	L107	L108	L109	L110
L90	L91	L92	L93	L94	L95	L96	L97	L98	L99	L100	L101	L102	L103	L104	L105	L106	L107	L108	L109	L110

LFR4	
LFR4	
LFR4	
LFR4	

FIG. 1B (Cont.)

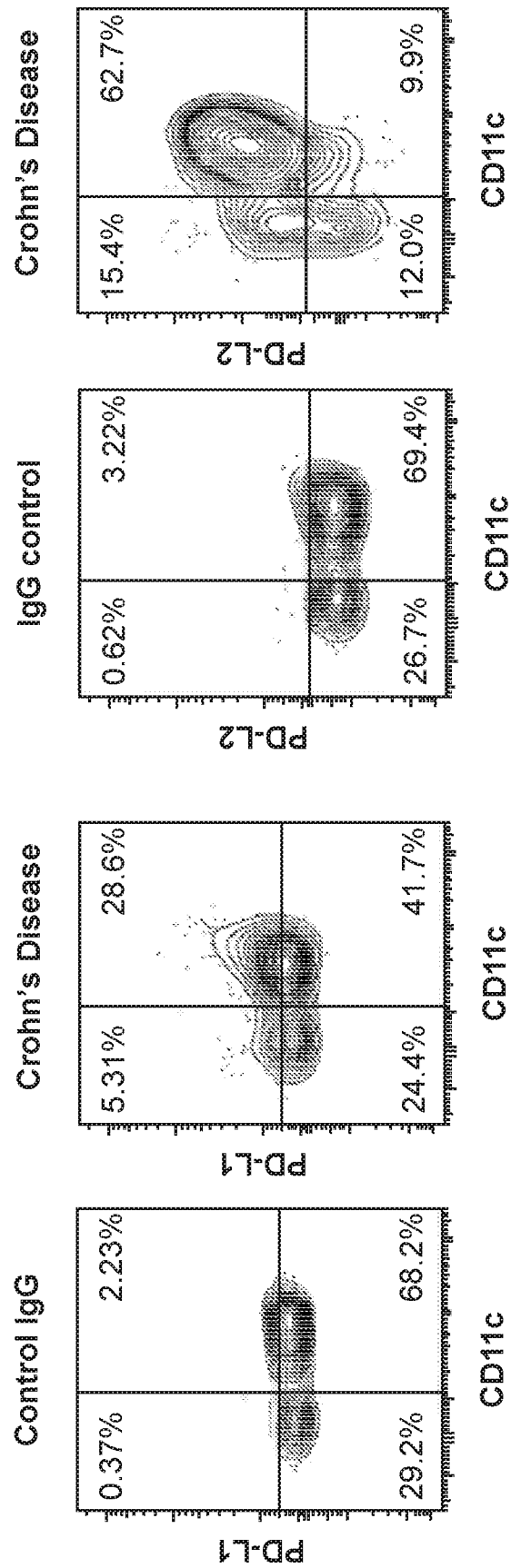


FIG. 2

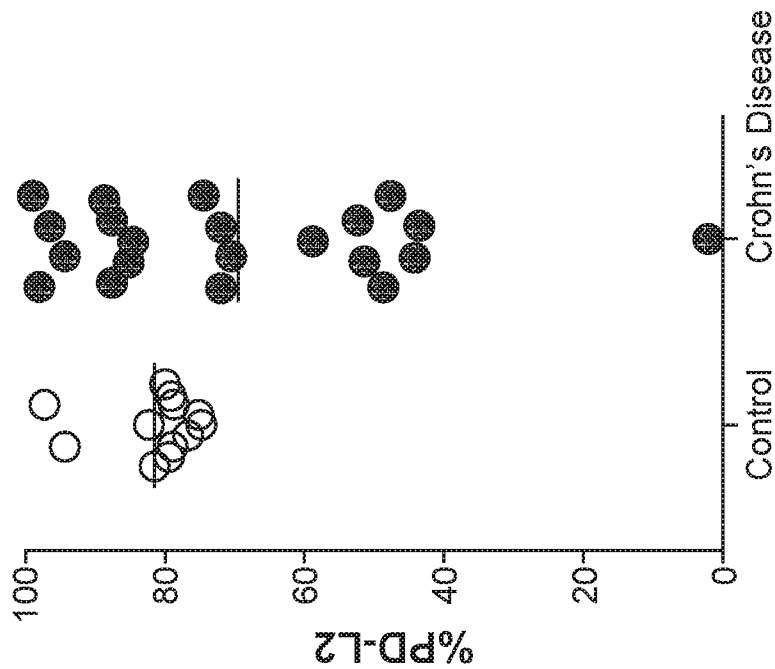


FIG. 3B

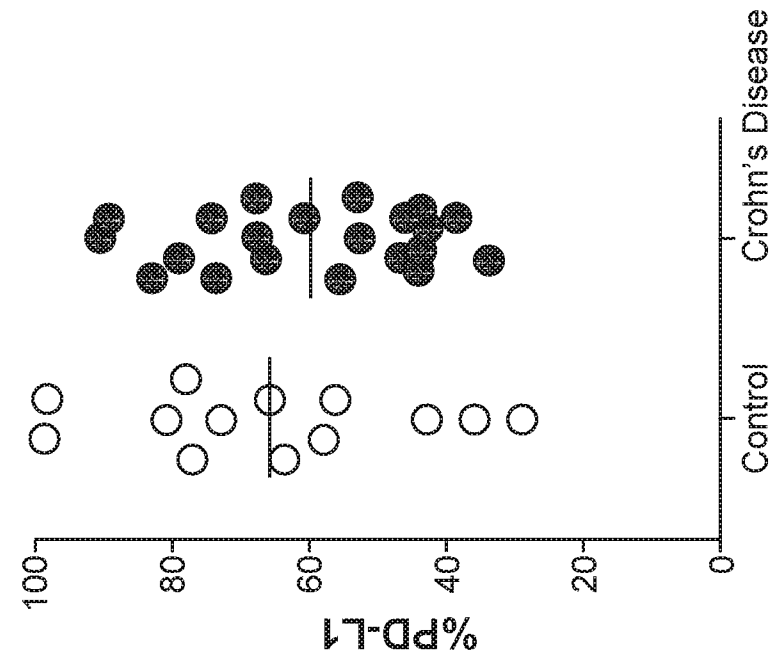
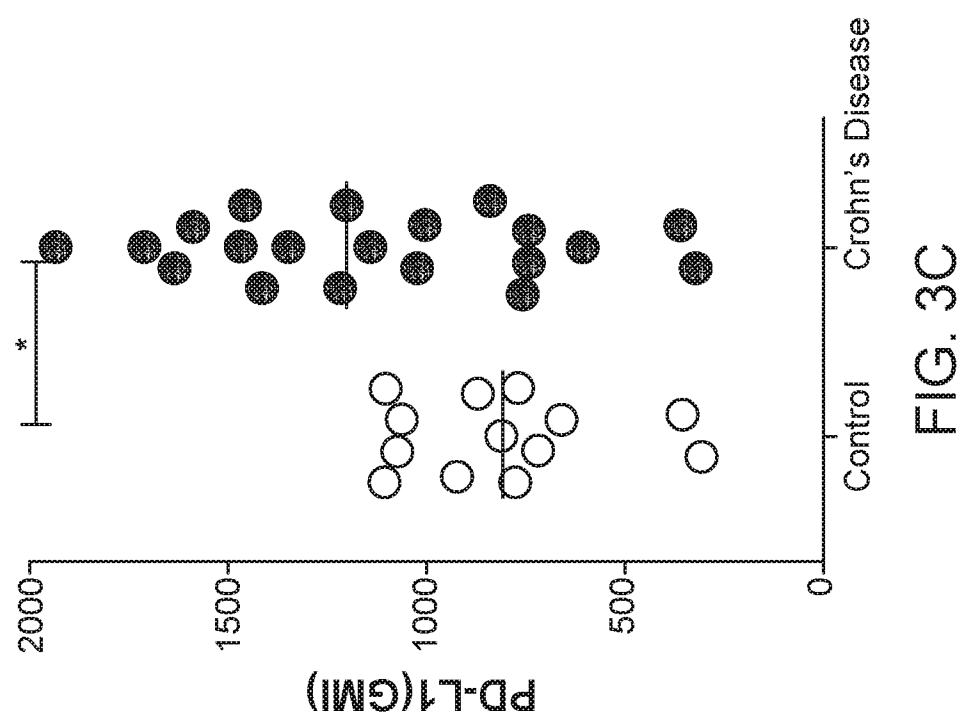
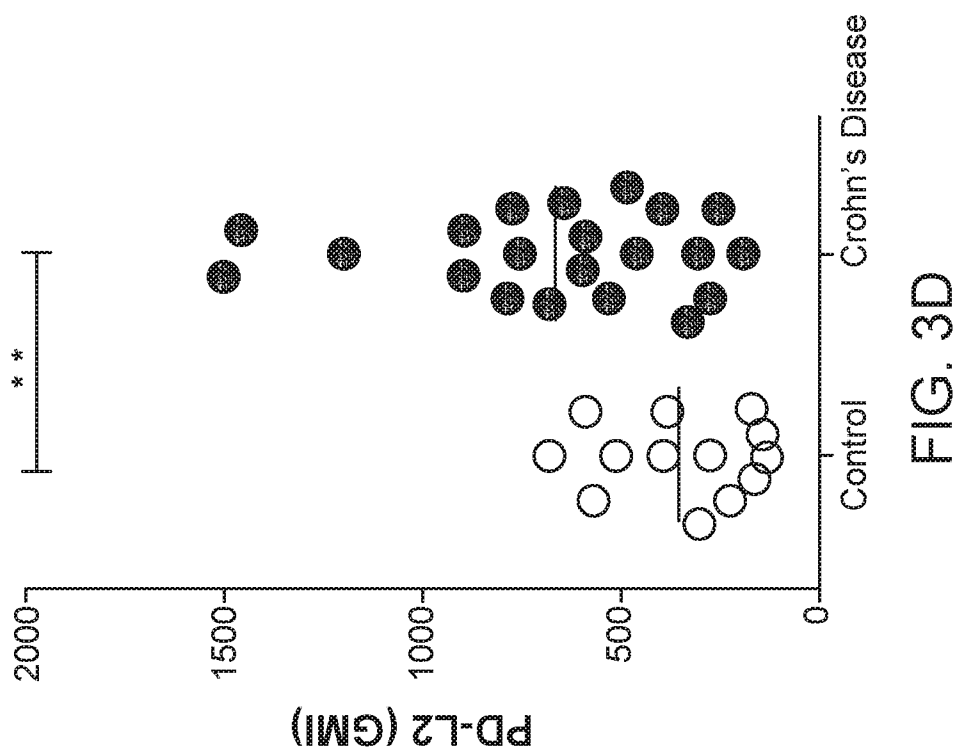


FIG. 3A



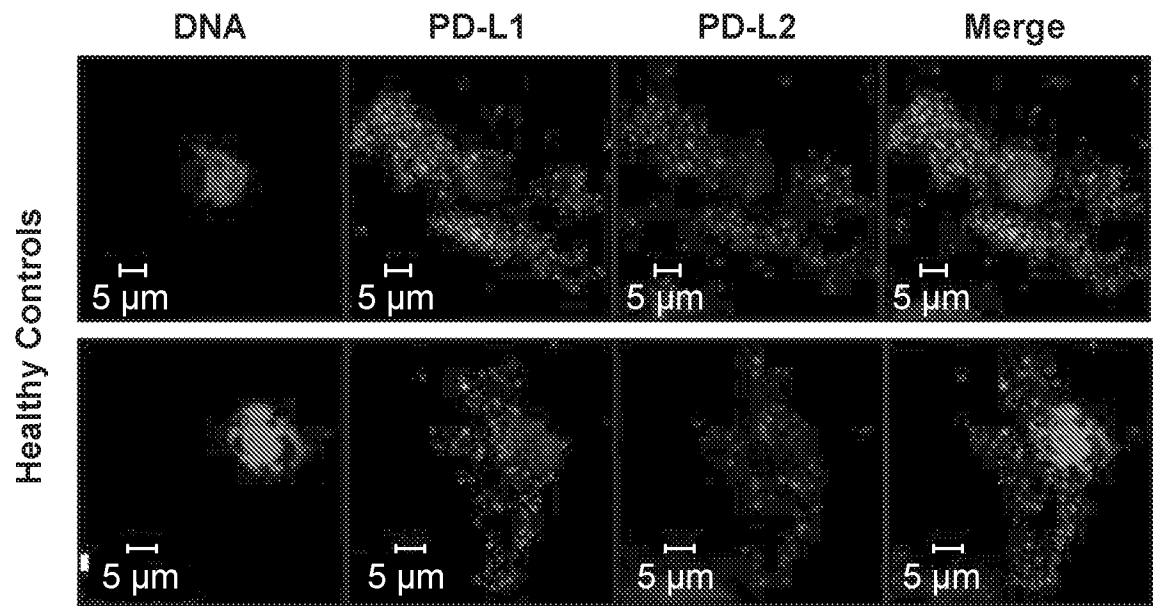


FIG. 4A

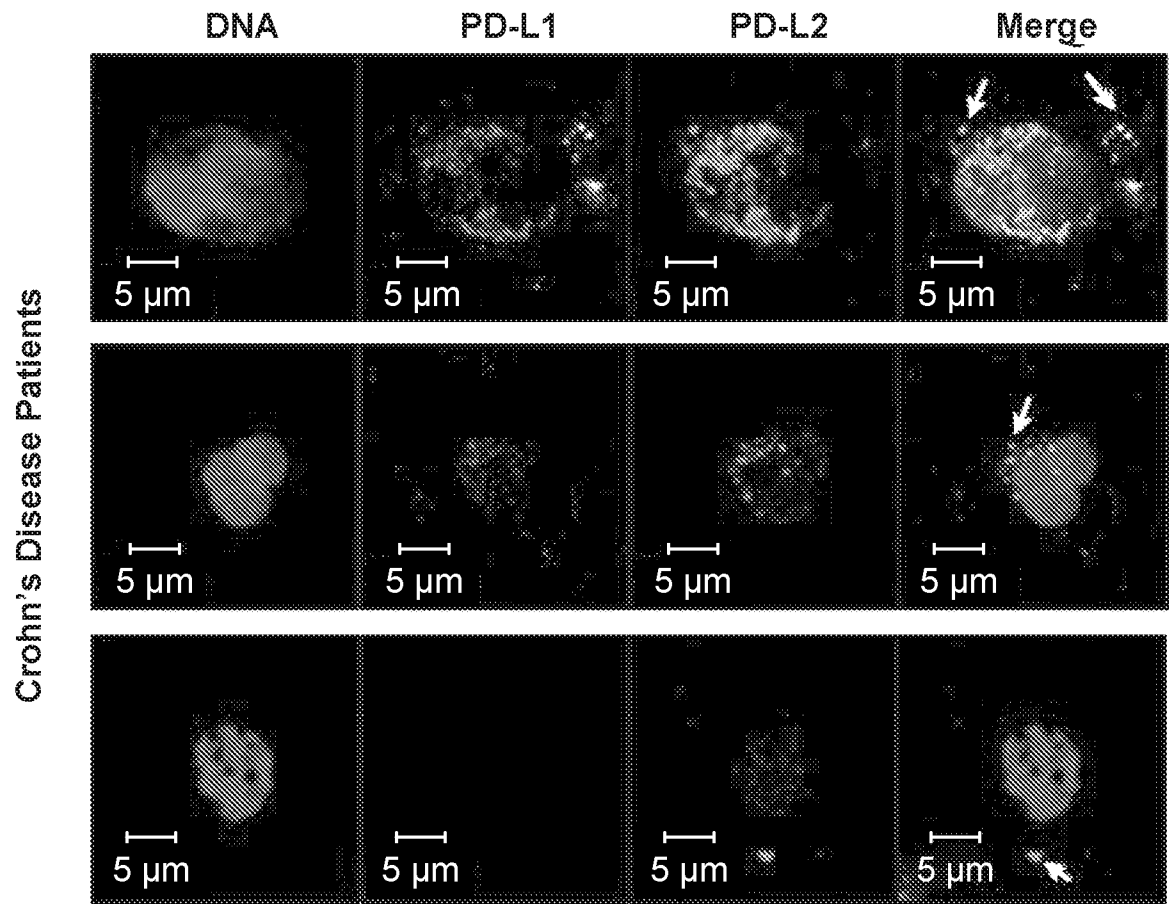


FIG. 4B

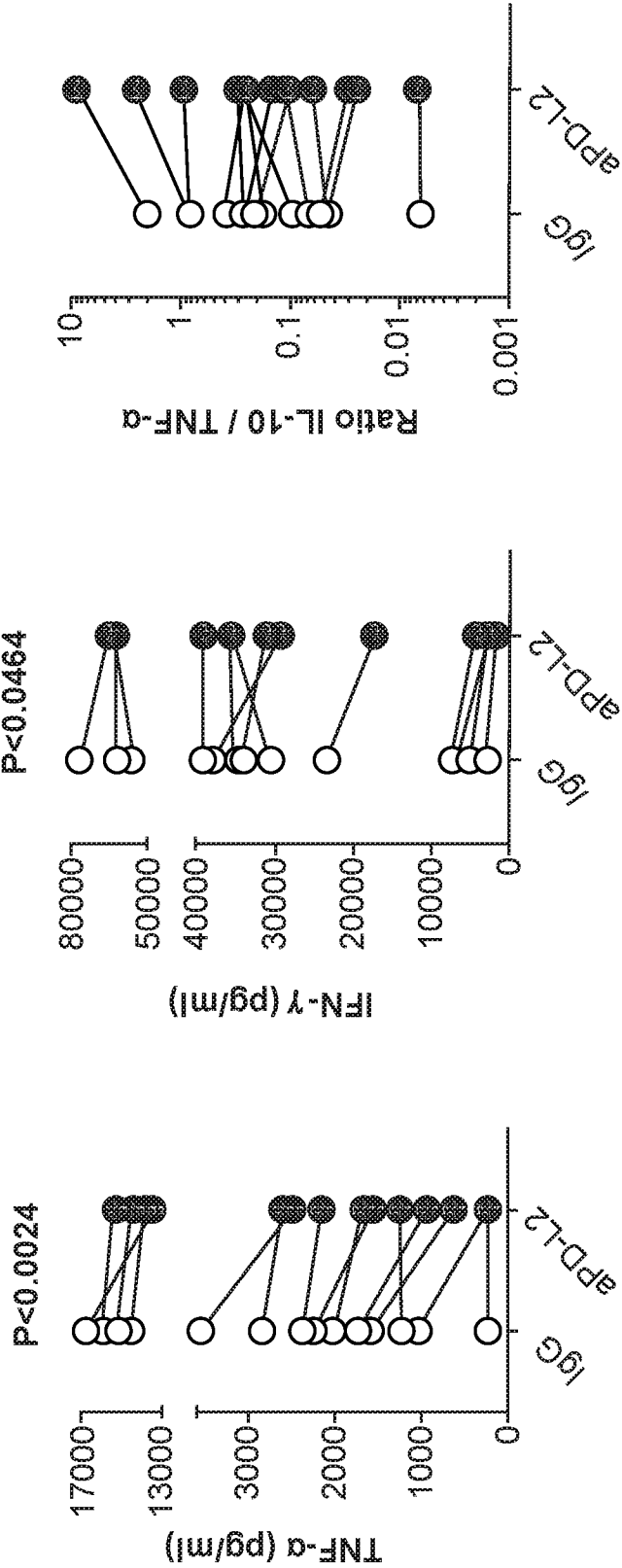


FIG. 5A

FIG. 5B

FIG. 5C

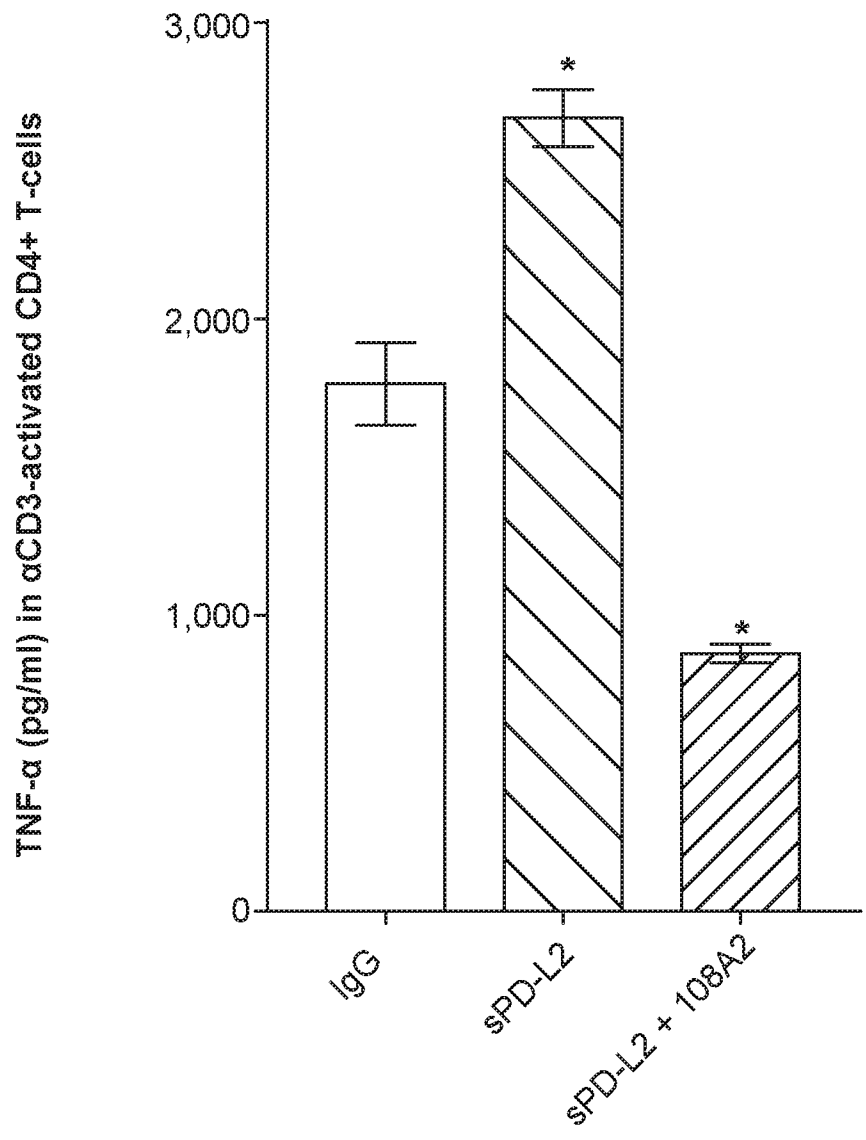


FIG. 6

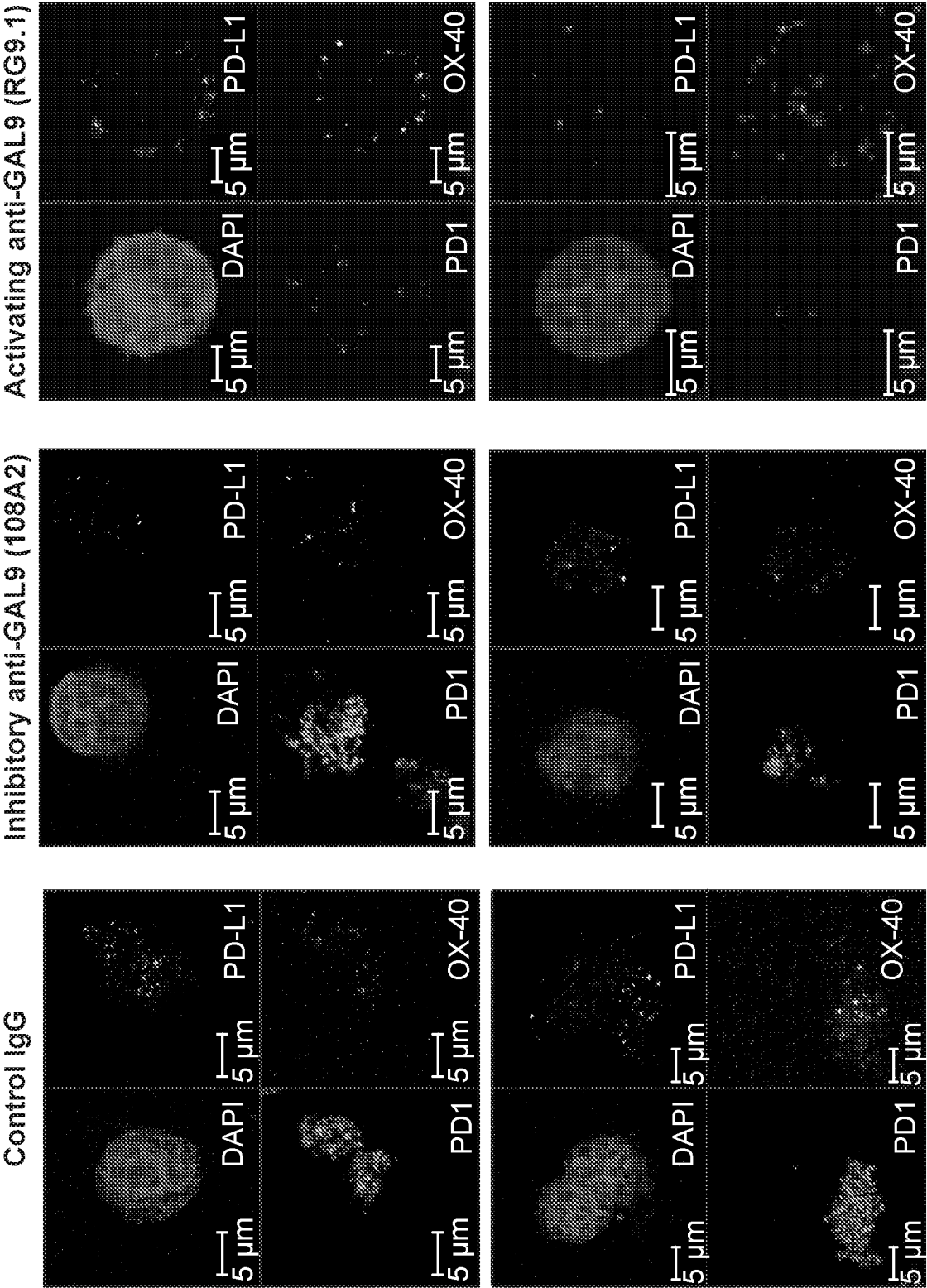


FIG. 7

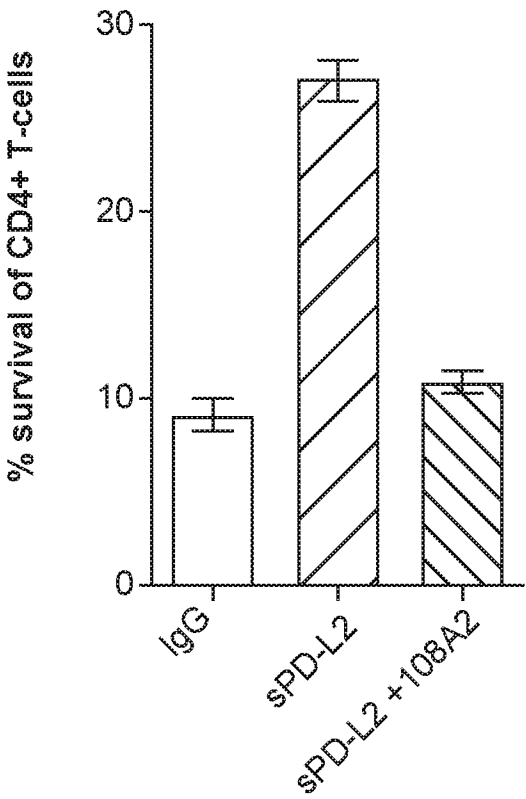


FIG. 8A

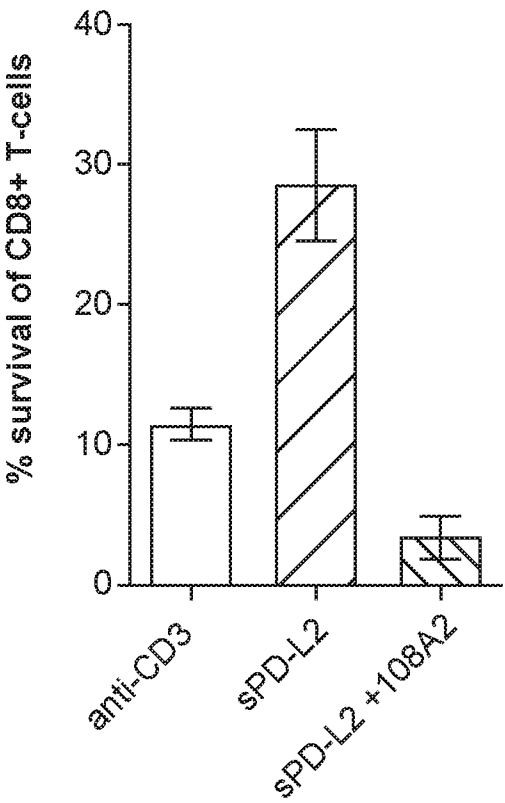


FIG. 8B

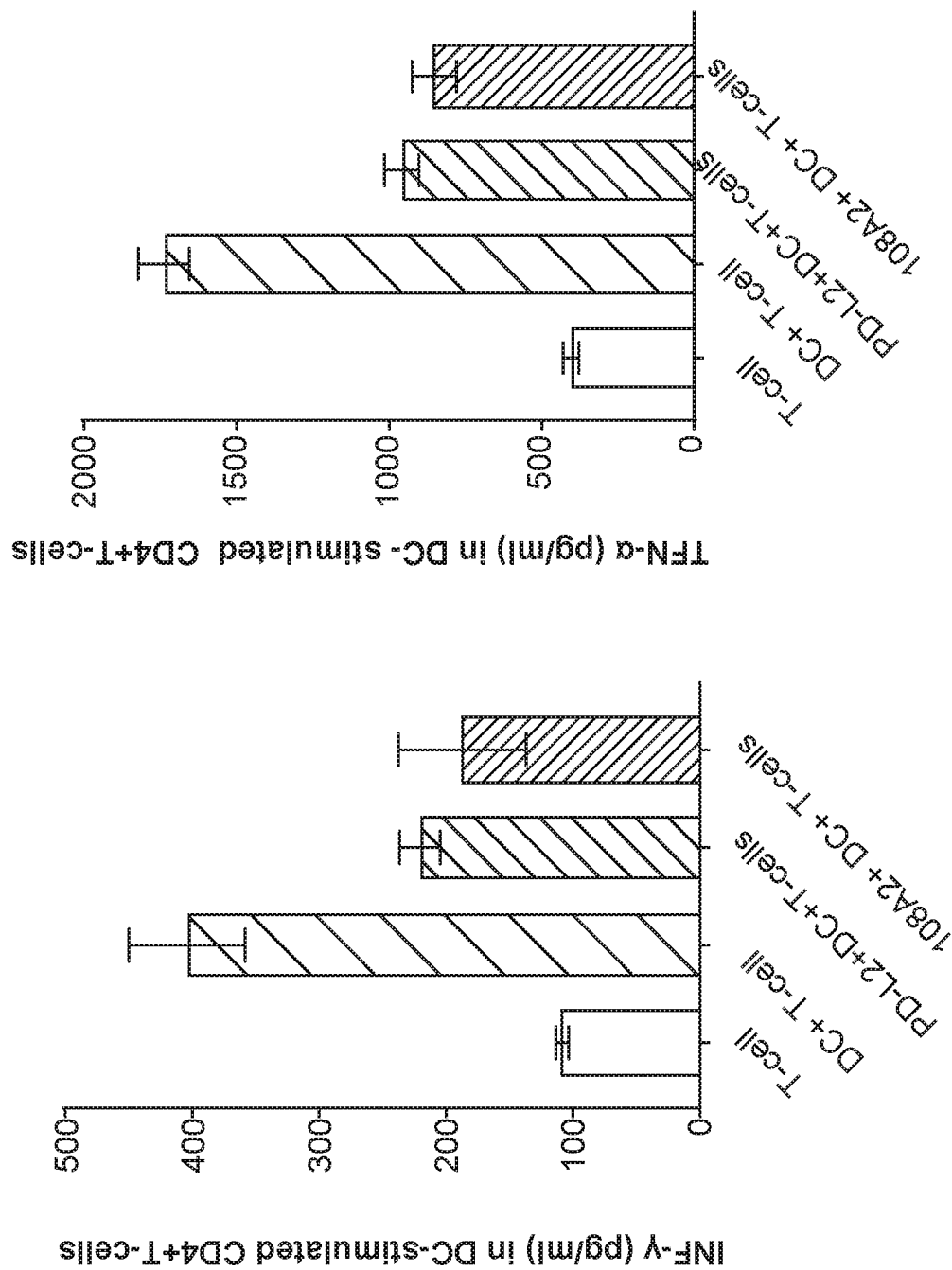


FIG. 9B

FIG. 9A

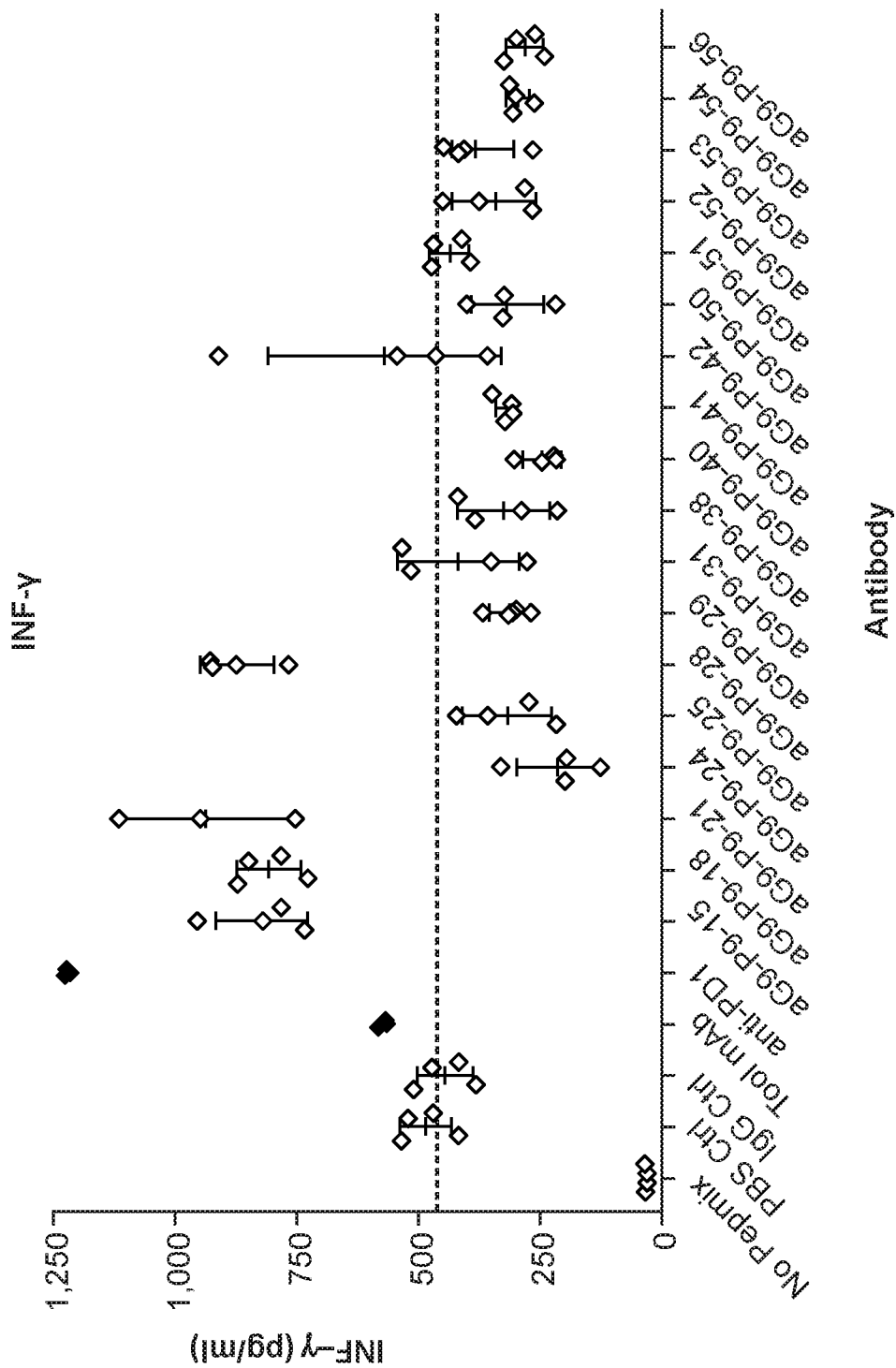


FIG. 10A

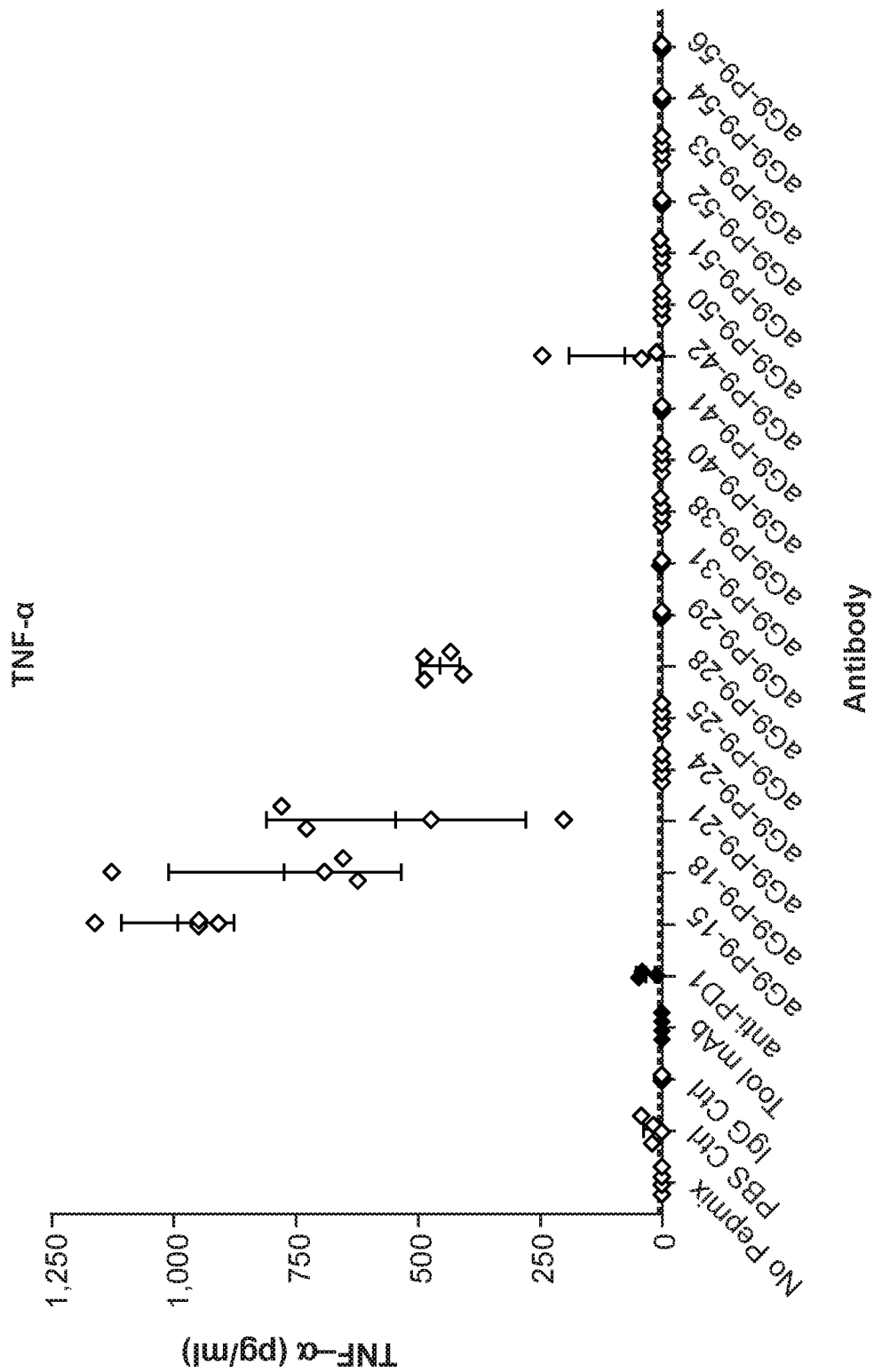


FIG. 10B

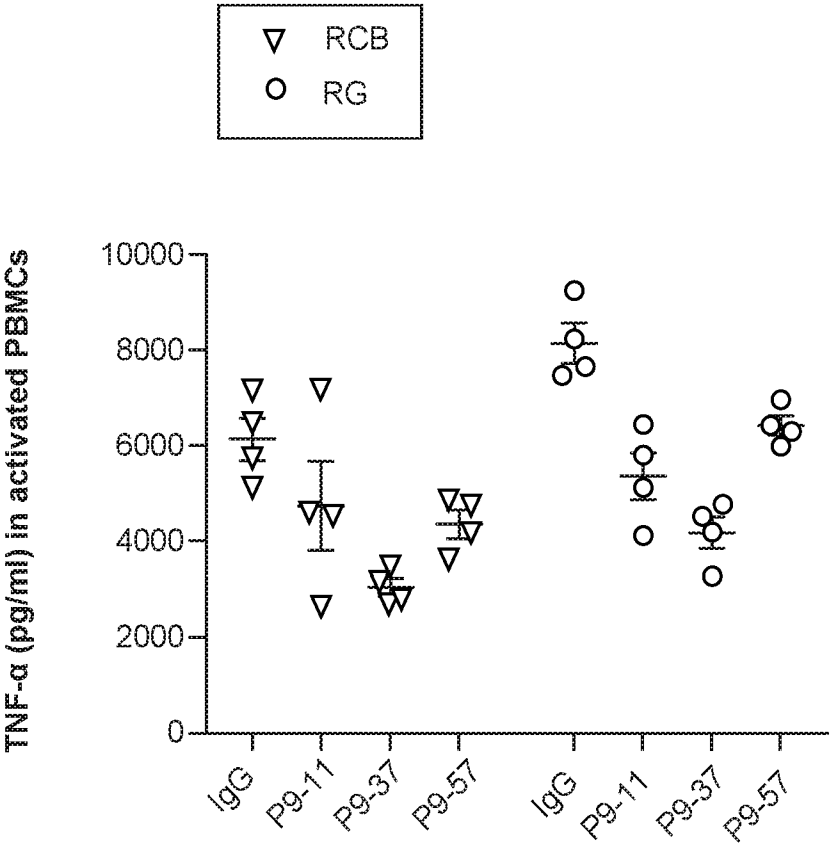


FIG. 11A

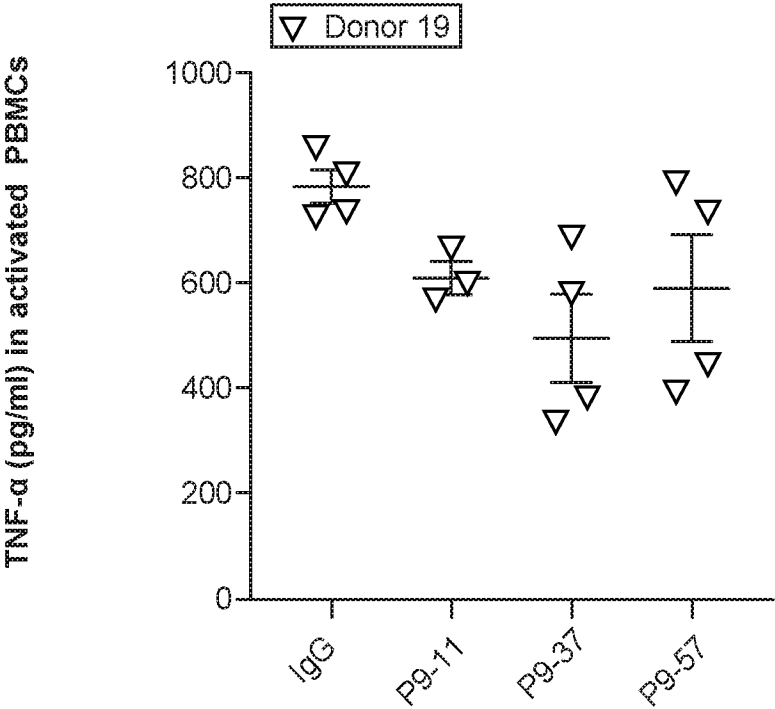


FIG. 11B

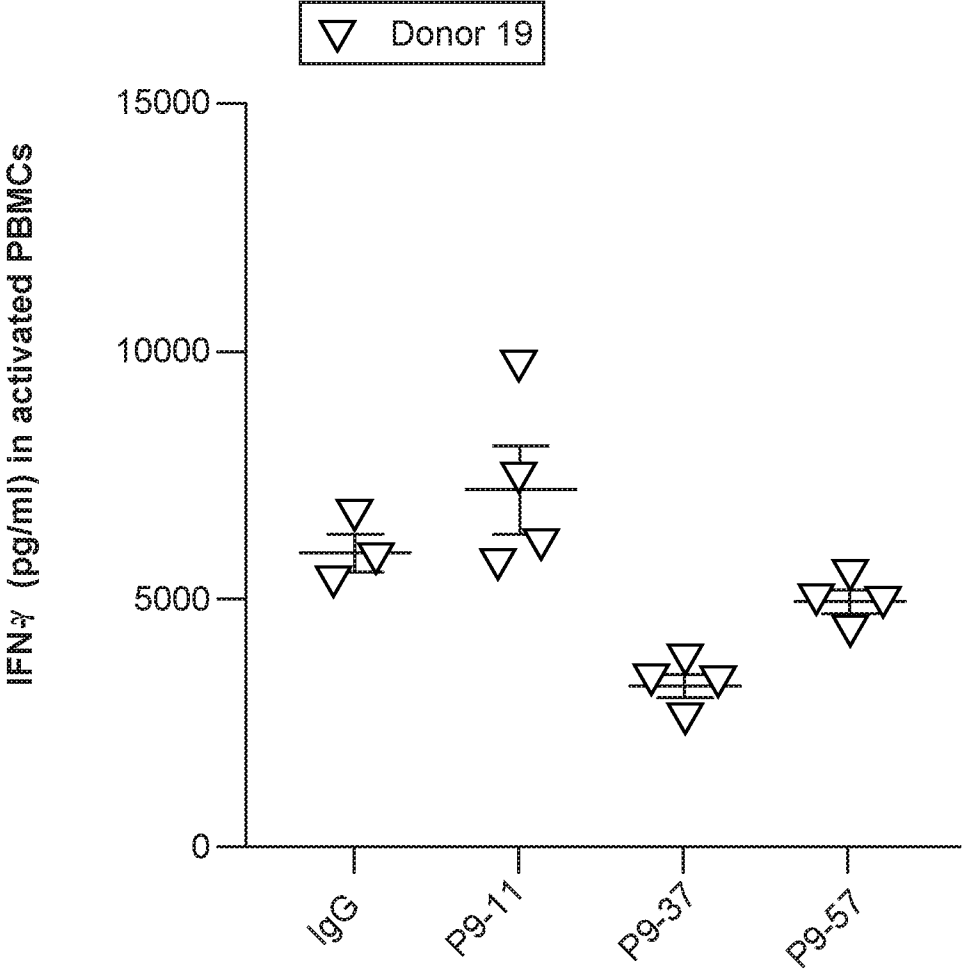


FIG. 11C

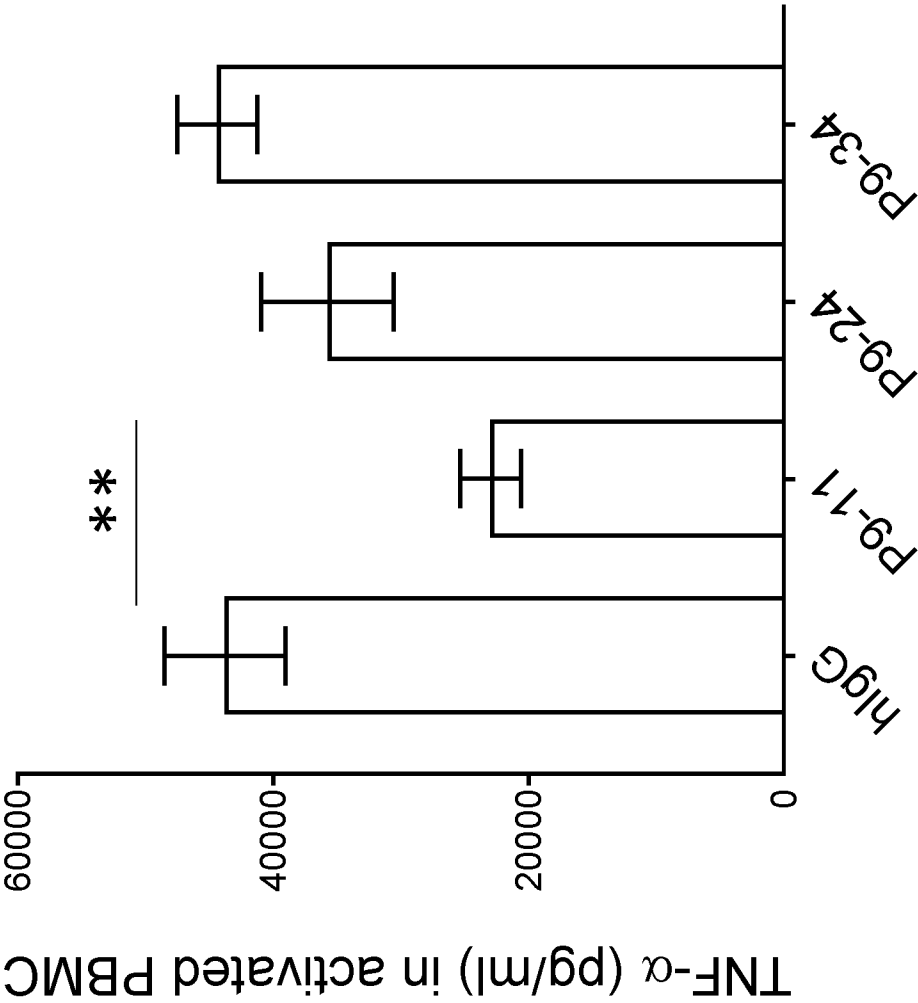


FIG. 12A

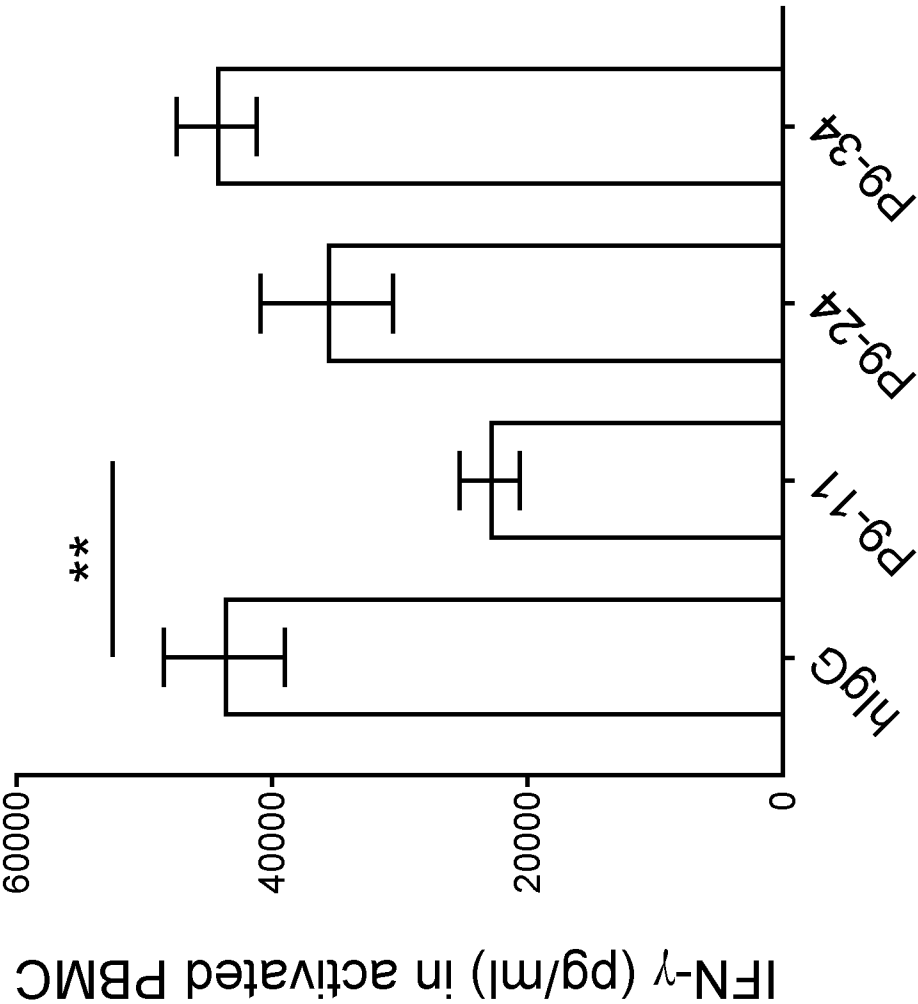


FIG. 12B

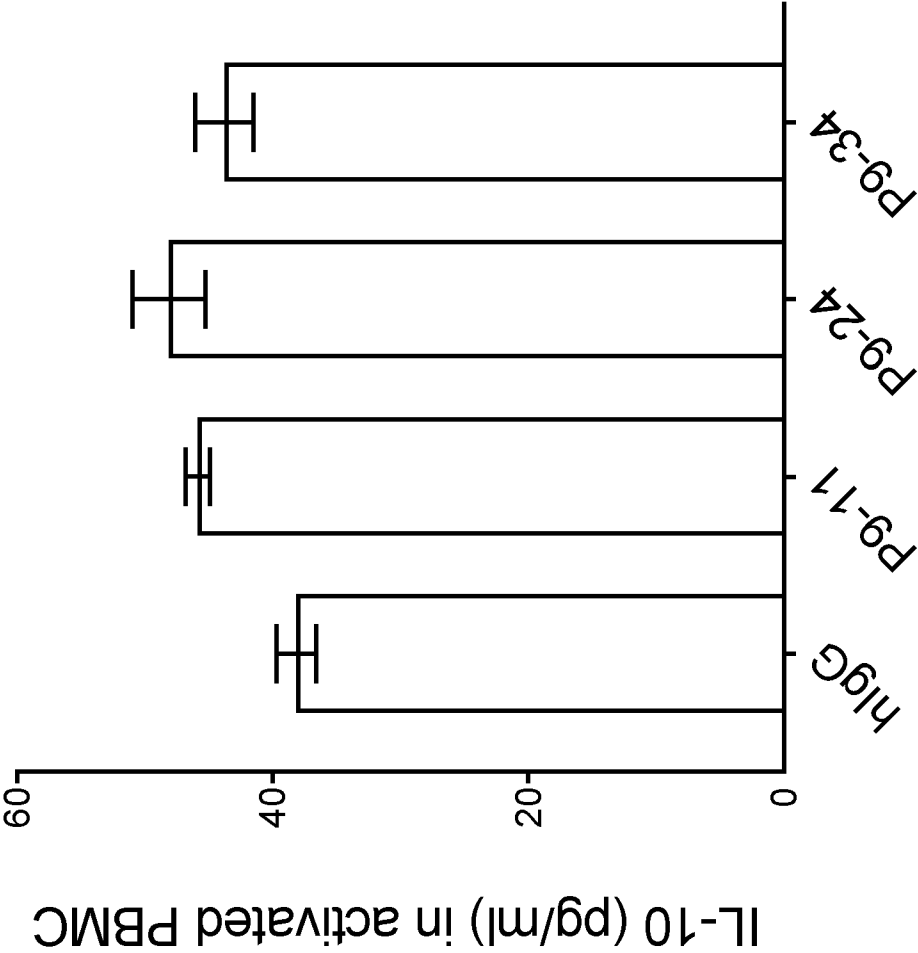


FIG. 12C

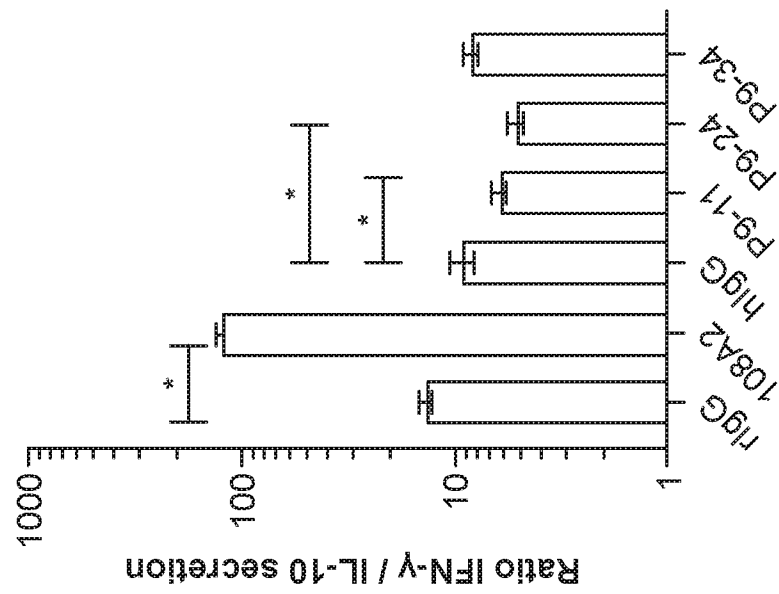


FIG. 13B

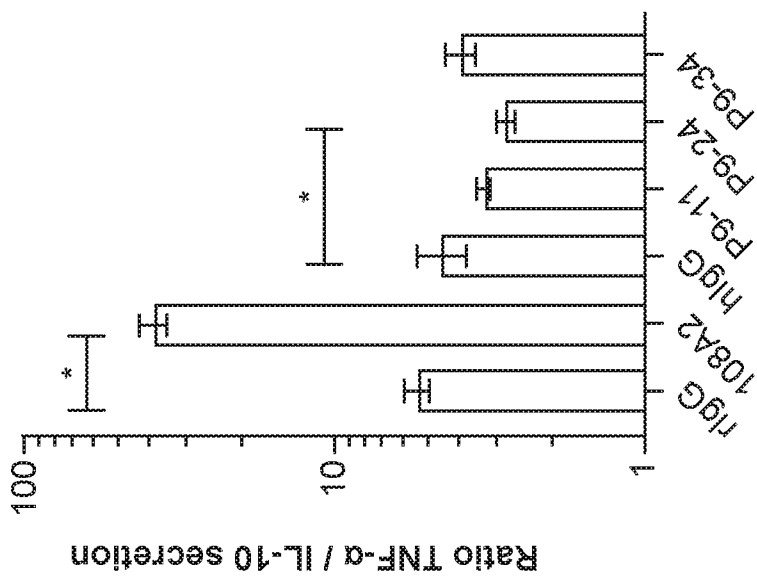


FIG. 13A