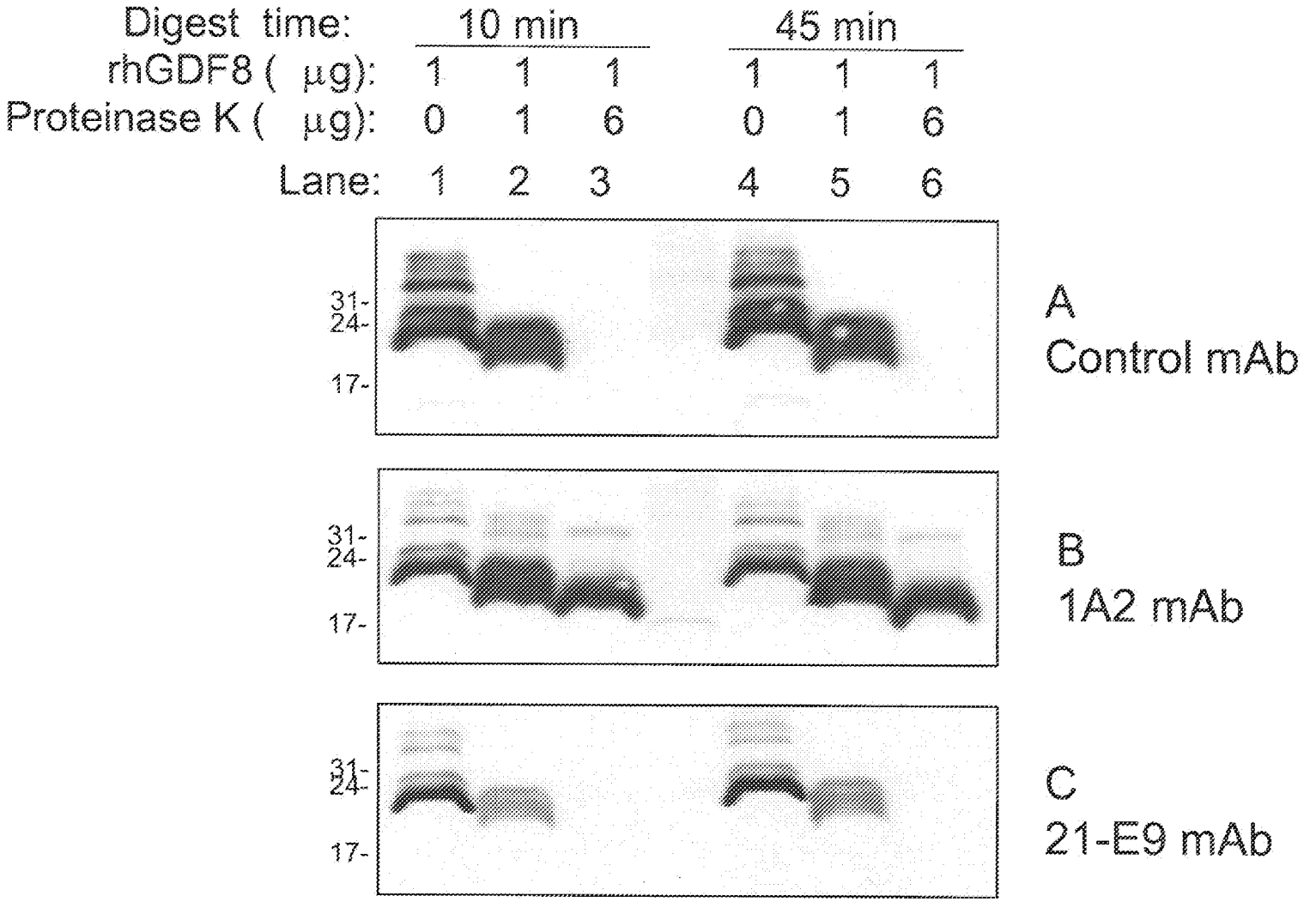

Digest time:
10 min
45 min
rhGDF8 (µg):
1 1 1 1 1 1
Proteinase K (µg):
0 1 6 0 1 6
Lane:
1 2 3 4 5 6
31-
24-
17-
A
Control mAb
31-
24-
17-
B
1A2 mAb
31-
24-
17-
C
21-E9 mAb

Fig. 1

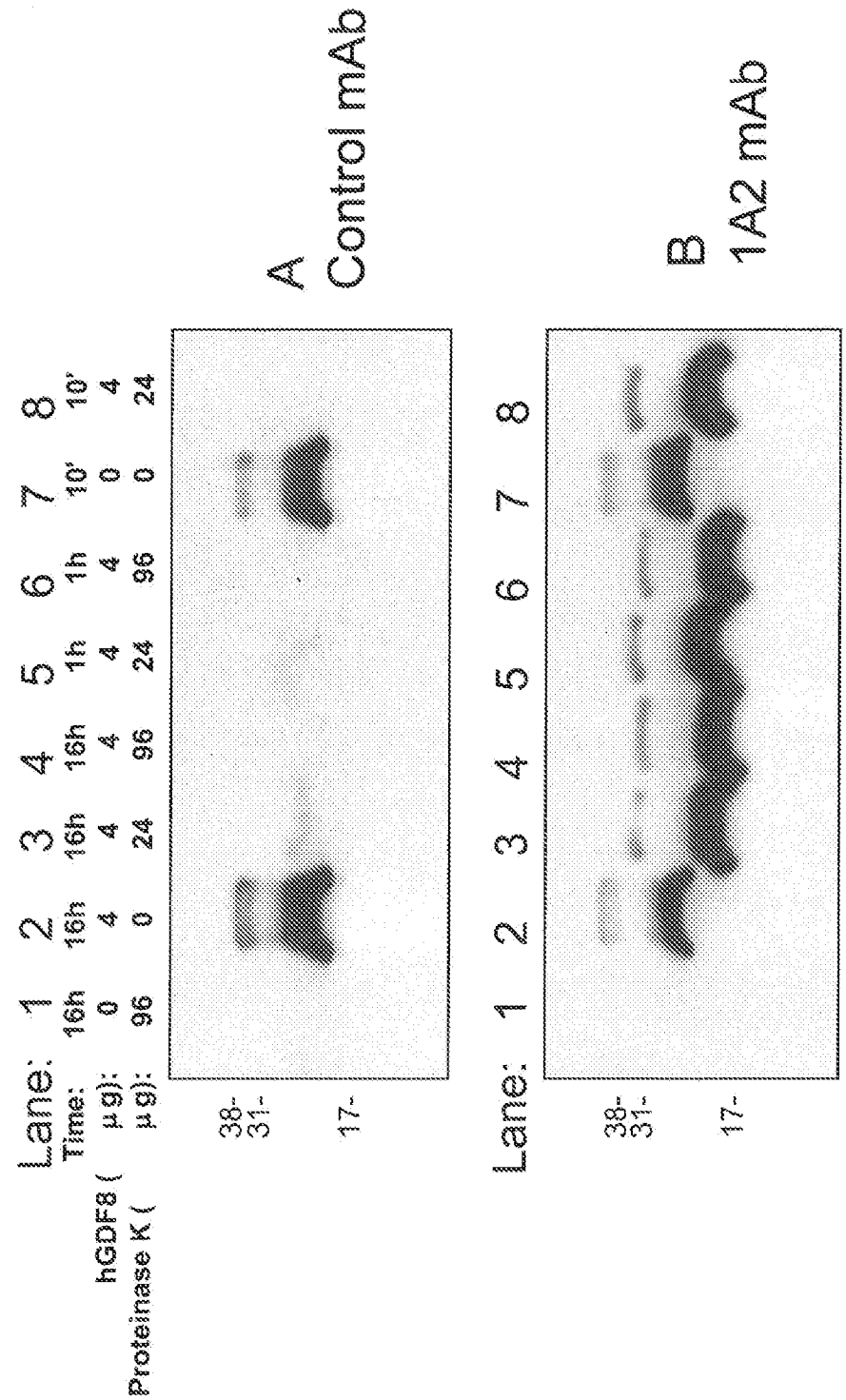

A
Control mAb
B
1A2 mAb
Lane: 1 2 3 4 5 6 7 8
Time: 16h 16h 16h 16h 1h 1h 10' 10'
hGDF8 (µg): 0 4 4 4 4 4 0 4
Proteinase K (µg): 96 0 24 96 24 96 0 24
38-
31-
17-
Lane: 1 2 3 4 5 6 7 8
38-
31-
17-

Fig. 2

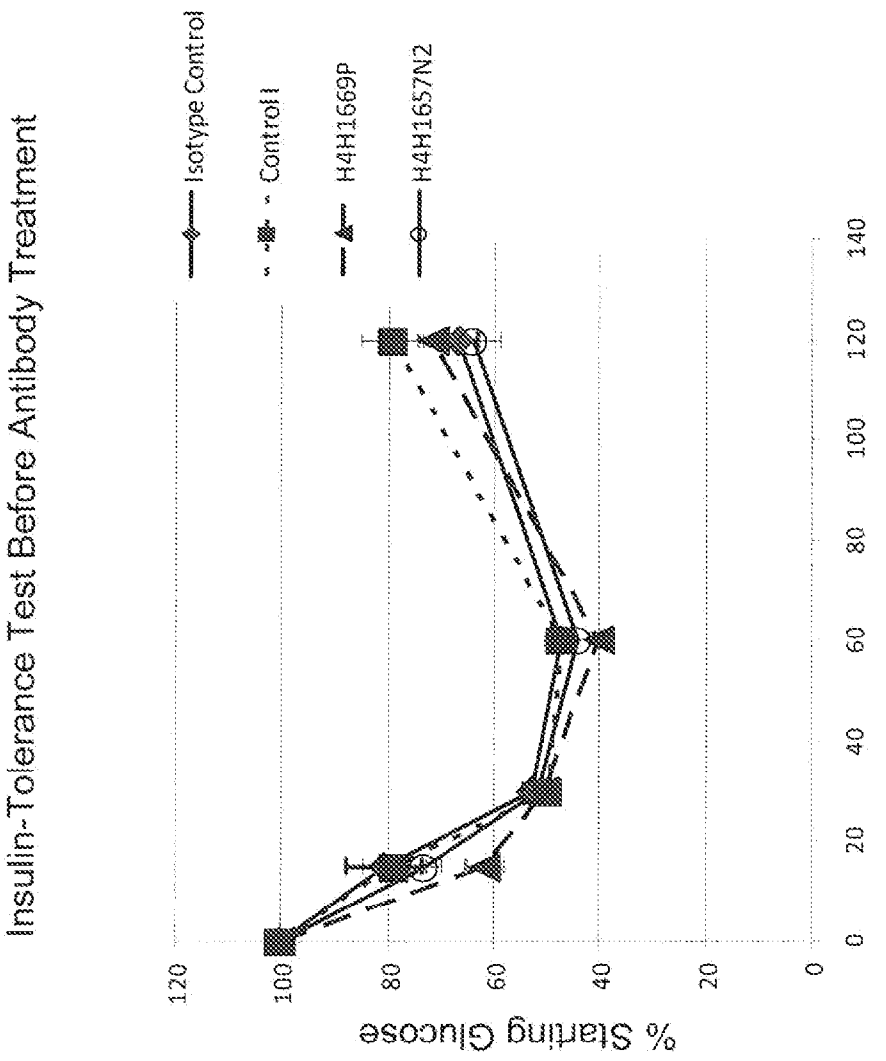

Insulin-Tolerance Test Before Antibody Treatment
Isotype Control
Control1
H4H1669P
H4H1657N2
% Starting Glucose
120
100
80
60
40
20
0
0
20
40
60
80
100
120
140
Time (min)

Figure 3A

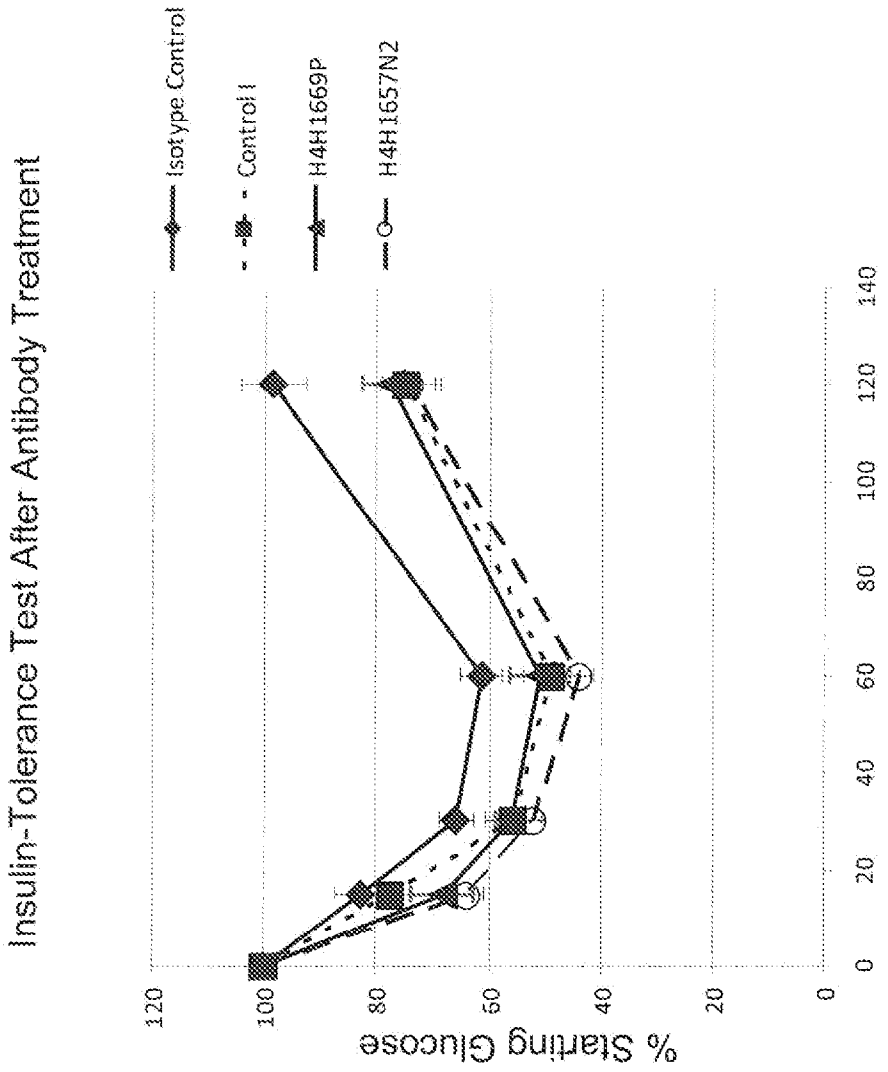

Insulin-Tolerance Test After Antibody Treatment
Isotype Control
Control I
H4H1669P
H4H1657N2
% Starting Glucose
120
100
80
50
40
20
0
0
20
40
60
80
100
120
140
Time (min)

Figure 3B

Consensus Sequences
Heavy Chain CDRs

HCDR1

	X1	X2	X3	X4	X5	X6	X7	X8	
1657N2	G	F	T	F	S	A	Y	A	(SEQ ID NO:362)
1669P	G	F	T	F	S	S	F	G	(SEQ ID NO:378)

HCDR2

	X1	X2	X3	X4	X5	X6	X7	X8	
1657N2	I	S	G	S	G	G	S	A	(SEQ ID NO:364)
1669P	I	G	Y	D	G	G	N	E	(SEQ ID NO:380)

HCDR3

	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	
1657N2	A	K	D	G	A	W	K	M	S	G	L	D	V		(SEQ ID NO:366)
1669P	S	T	I	S	H	Y	D	I	L	S	G	M	D	V	(SEQ ID NO:382)

Figure 4A

Consensus Sequences
Light Chain CDRs

LCDR1

	X1	X2	X3	X4	X5	X6	
1657N2	Q	D	I	S	D	Y	(SEQ ID NO:370)
1669P	Q	G	I	S	N	W	(SEQ ID NO:386)

LCDR2

	X1	X2	X3	
1657N2	T	T	S	(SEQ ID NO:372)
1669P	A	A	S	(SEQ ID NO:388)

LCDR3

	X1	X2	X3	X4	X5	X6	X7	X8	X9	
1657N2	Q	K	Y	D	S	A	P	L	T	(SEQ ID NO:374)
1669P	Q	Q	A	N	S	F	P	L	T	(SEQ ID NO:390)

Figure 4B