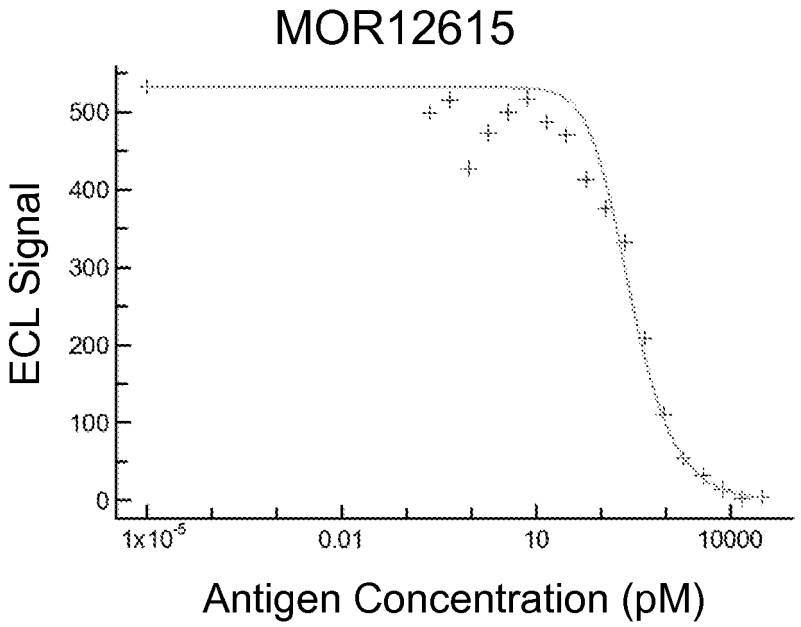

MOR12615
ECL Signal
500
400
300
200
100
0
1x10-5
0.01
10
10000
Antigen Concentration (pM)

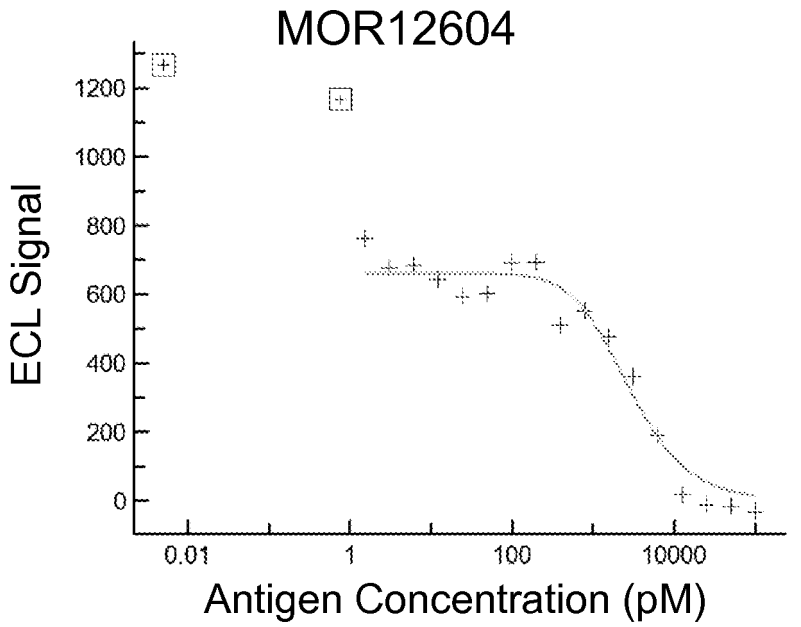
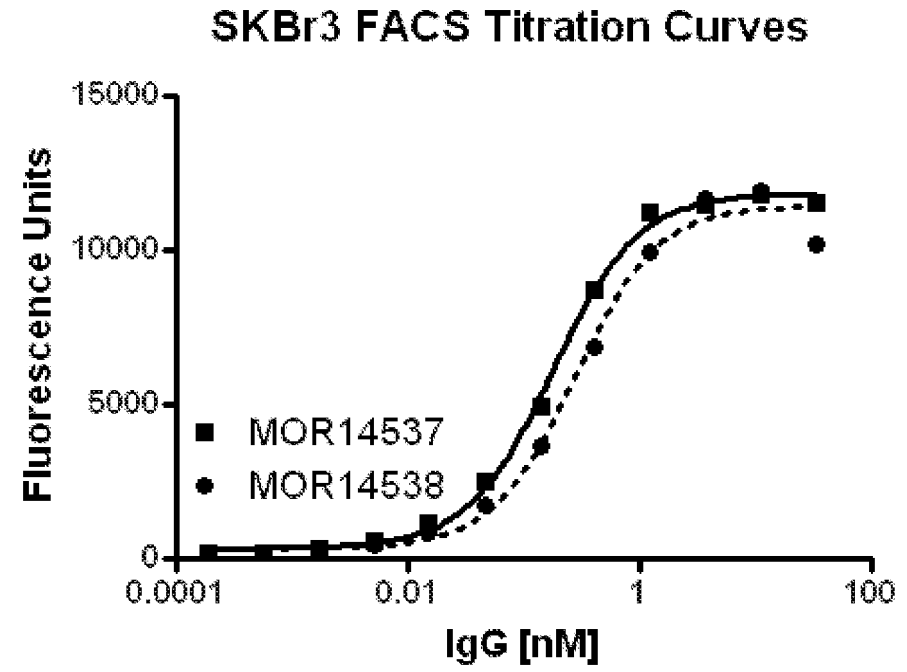

MOR12604
ECL Signal
1200
1000
800
600
400
200
0
0.01
1
100
10000
Antigen Concentration (pM)

Figure 1


SKBr3 FACS Titration Curves
Fluorescence Units
15000
10000
5000
0
MOR14537
MOR14538
0.0001
0.01
1
100
IgG [nM]

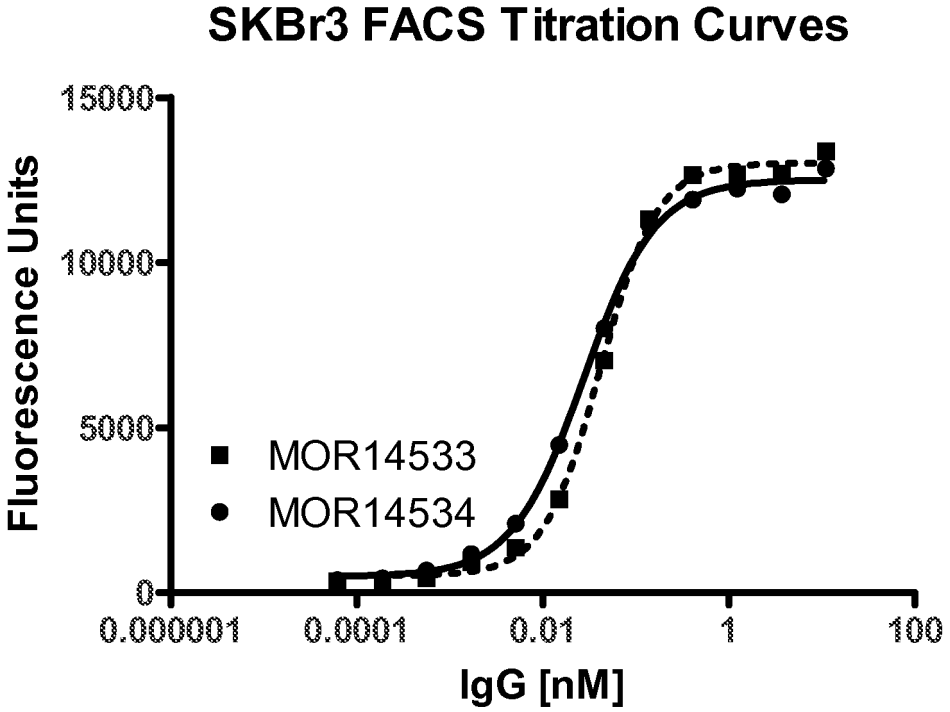

SKBr3 FACS Titration Curves
Fluorescence Units
15000
10000
5000
0
MOR14533
MOR14534
0.000001
0.0001
0.01
1
100
IgG [nM]

Figure 2

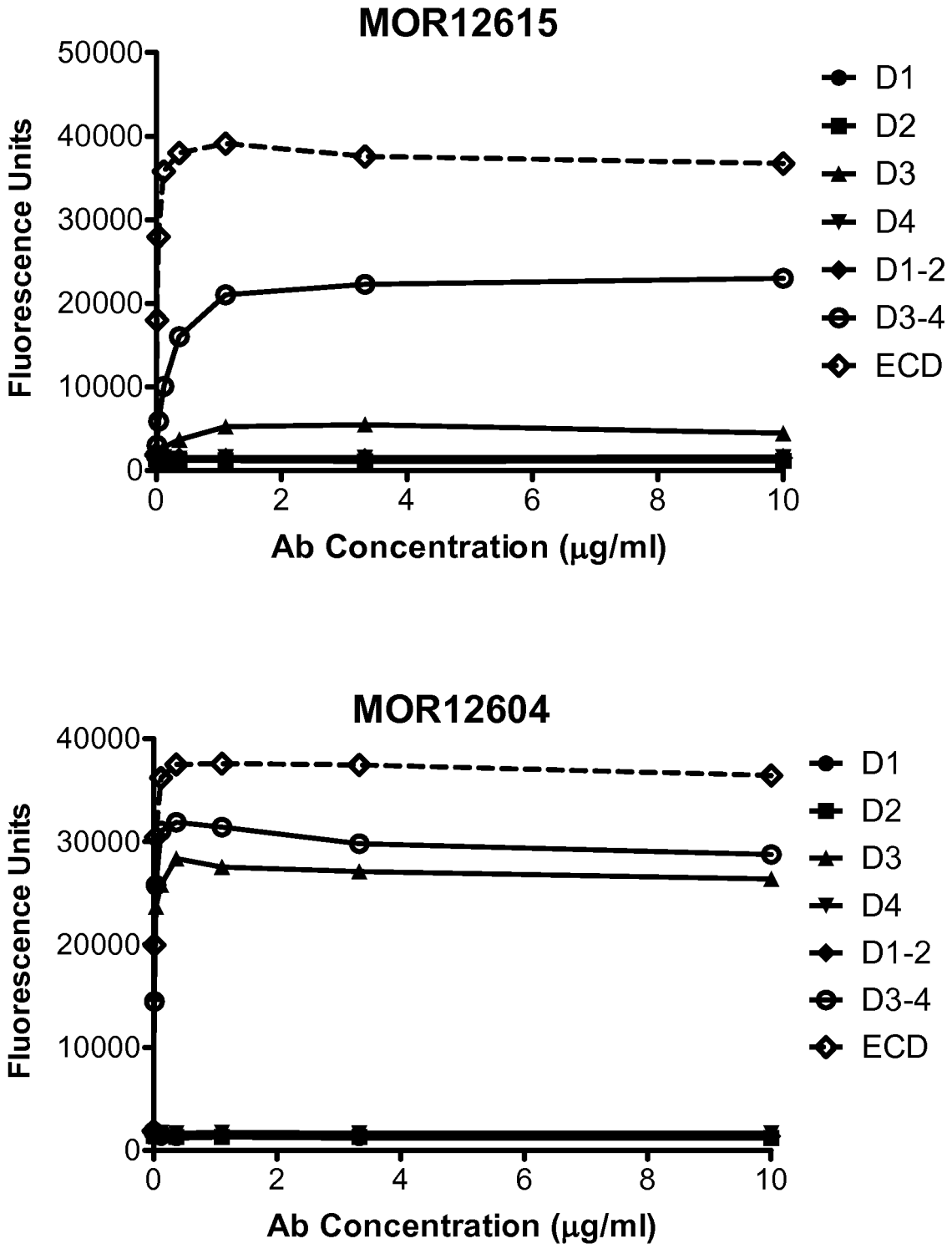

MOR12615
Fluorescence Units
50000
40000
30000
20000
10000
0
0
2
4
6
8
10
Ab Concentration (µg/ml)
D1
D2
D3
D4
D1-2
D3-4
ECD
MOR12604
Fluorescence Units
40000
30000
20000
10000
0
0
2
4
6
8
10
Ab Concentration (µg/ml)
D1
D2
D3
D4
D1-2
D3-4
ECD

Figure 3

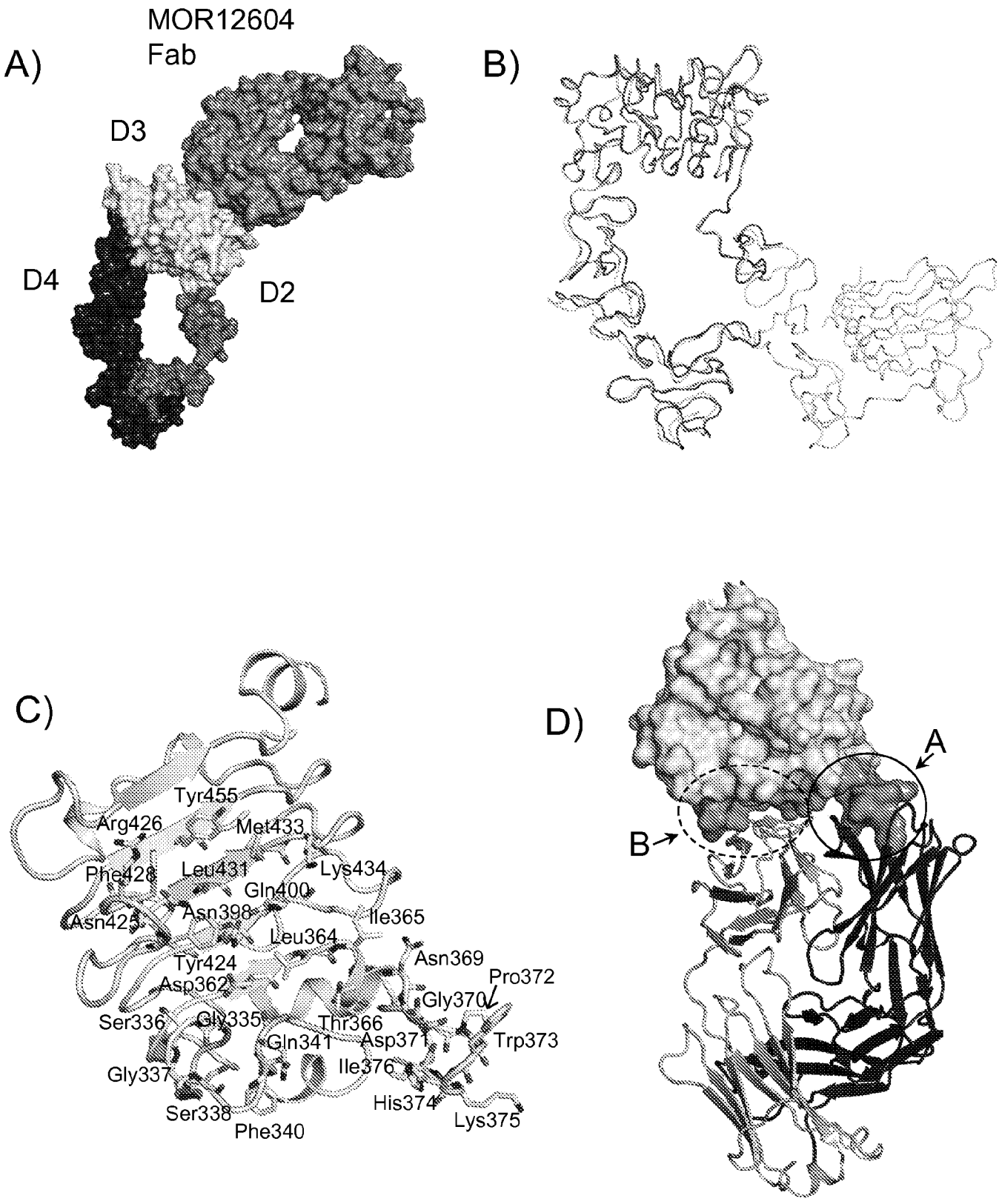
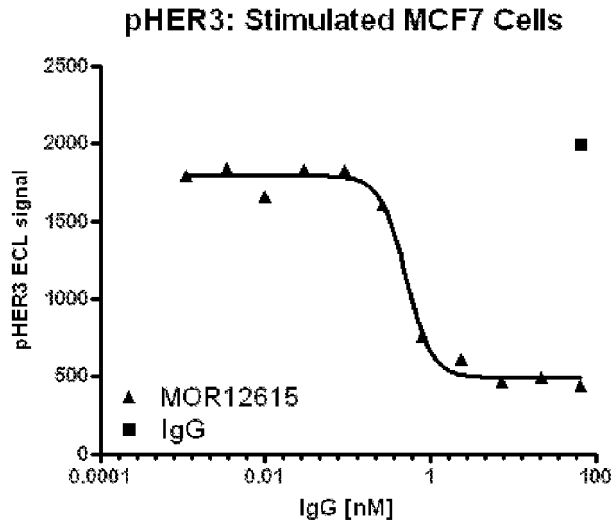
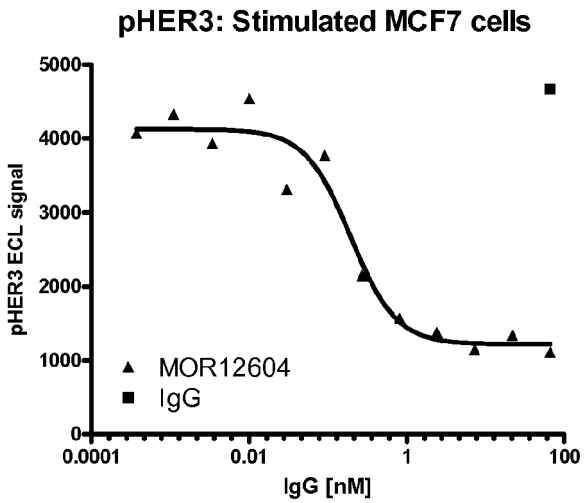

A)
MOR12604
Fab
D3
D4
D2
B)
C)
Tyr455
Arg426
Met433
Phe428
Leu431
Lys434
Gln400
Asn398
Asn425
Ile365
Leu364
Asn369
Tyr424
Asp362
Pro372
Gly370
Ser336
Gly335
Thr366
Gln341
Asp371
Trp373
Ile376
Gly337
His374
Ser338
Lys375
Phe340
D)
A
B

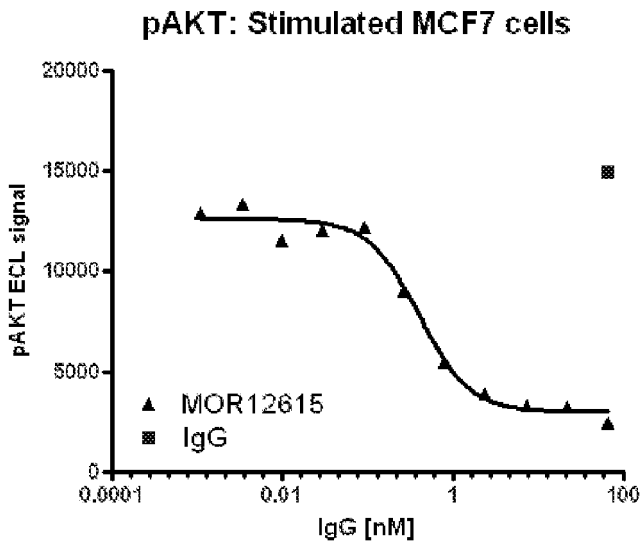
Figure 4

A)


pHER3: Stimulated MCF7 Cells
pHER3 ECL signal
2500
2000
1500
1000
500
0
0.0001
0.01
1
100
IgG [nM]
MOR12615
IgG


pHER3: Stimulated MCF7 cells
pHER3 ECL signal
5000
4000
3000
2000
1000
0
0.0001
0.01
1
100
IgG [nM]
MOR12604
IgG

B)


pAKT: Stimulated MCF7 cells
pAKT ECL signal
20000
15000
10000
5000
0
0.0001
0.01
1
100
IgG [nM]
MOR12615
IgG

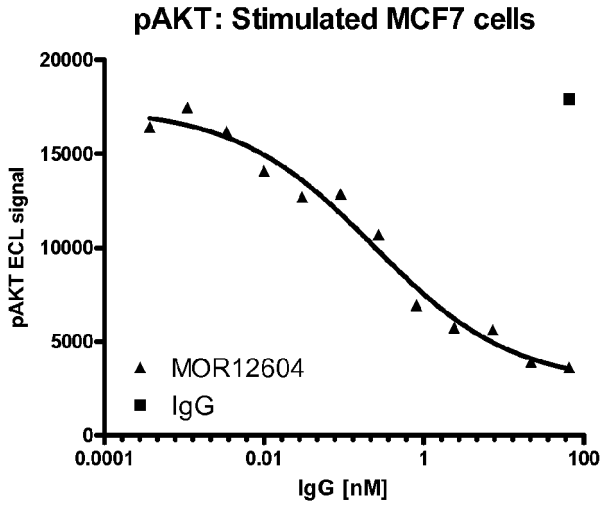
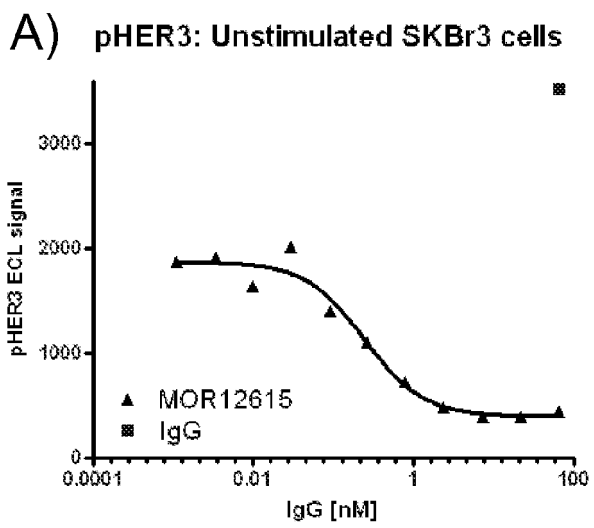
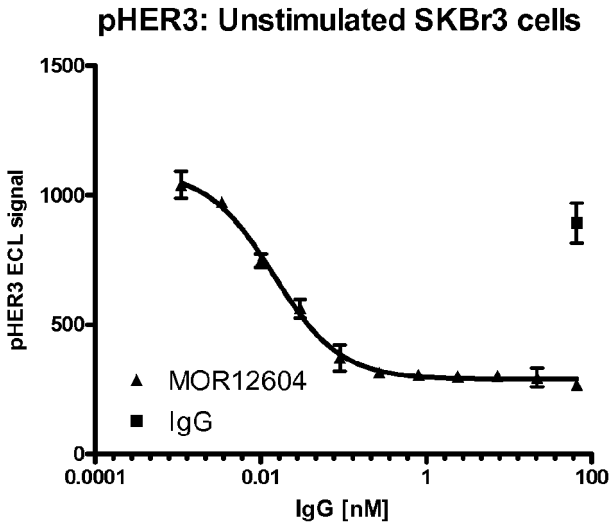

pAKT: Stimulated MCF7 cells
pAKT ECL signal
20000
15000
10000
5000
0
0.0001
0.01
1
100
IgG [nM]
MOR12604
IgG

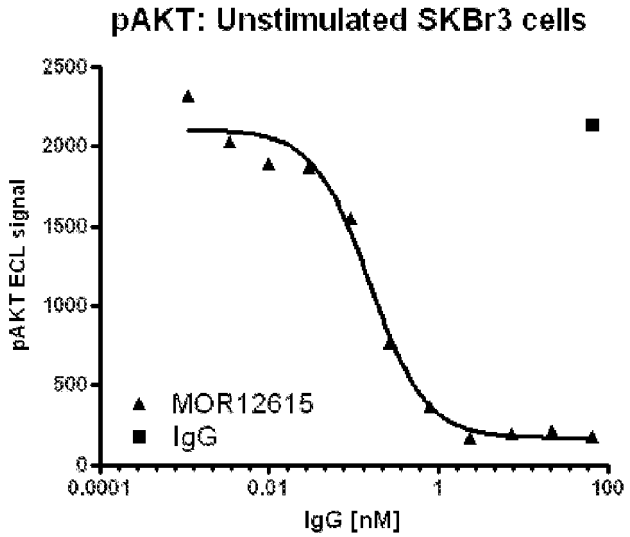
Figure 5

A)


pHER3: Unstimulated SKBr3 cells
pHER3 ECL signal
3000
2000
1000
0
0.0001
0.01
1
100
IgG [nM]
MOR12615
IgG


pHER3: Unstimulated SKBr3 cells
pHER3 ECL signal
1500
1000
500
0
0.0001
0.01
1
100
IgG [nM]
MOR12604
IgG

B)


pAKT: Unstimulated SKBr3 cells
pAKT ECL signal
2500
2000
1500
1000
500
0
0.0001
0.01
1
100
IgG [nM]
MOR12615
IgG

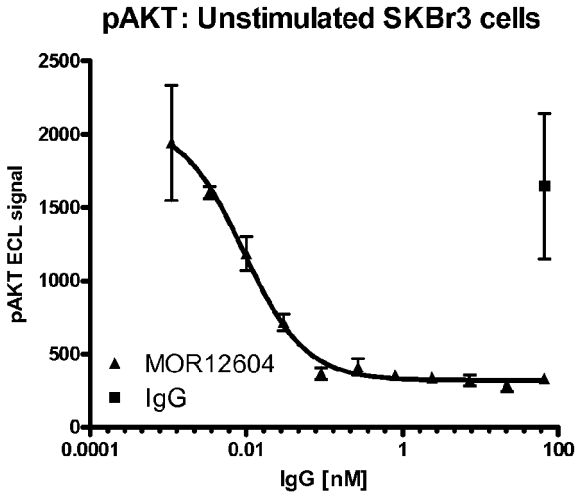
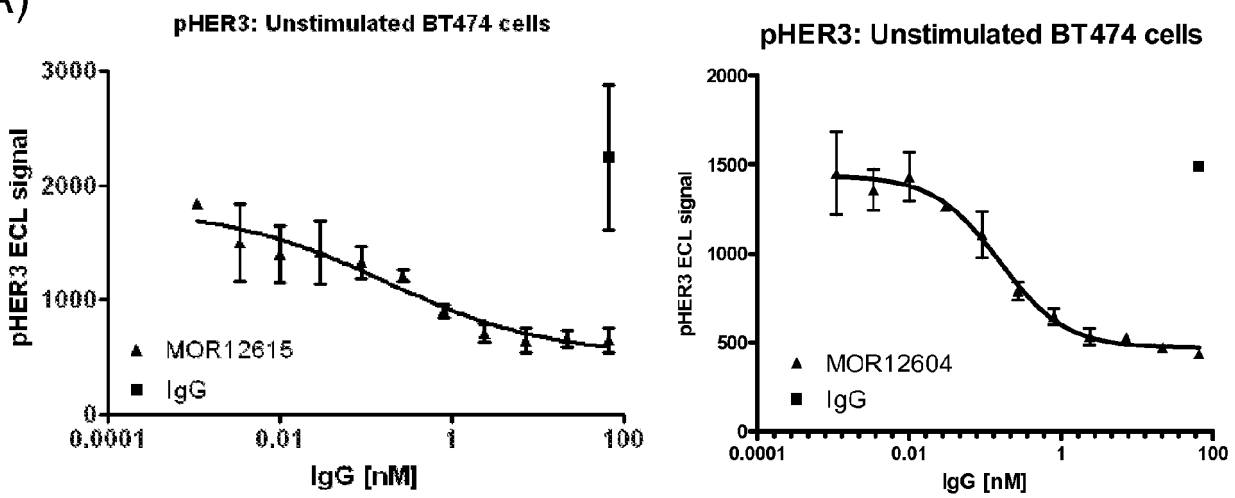

pAKT: Unstimulated SKBr3 cells
pAKT ECL signal
2500
2000
1500
1000
500
0
0.0001
0.01
1
100
IgG [nM]
MOR12604
IgG

Figure 6

A)


pHER3: Unstimulated BT474 cells
pHER3 ECL signal
3000
2000
1000
0
MOR12615
IgG
0.0001
0.01
1
100
IgG [nM]
pHER3: Unstimulated BT474 cells
pHER3 ECL signal
2000
1500
1000
500
0
MOR12604
IgG
0.0001
0.01
1
100
IgG [nM]

B)

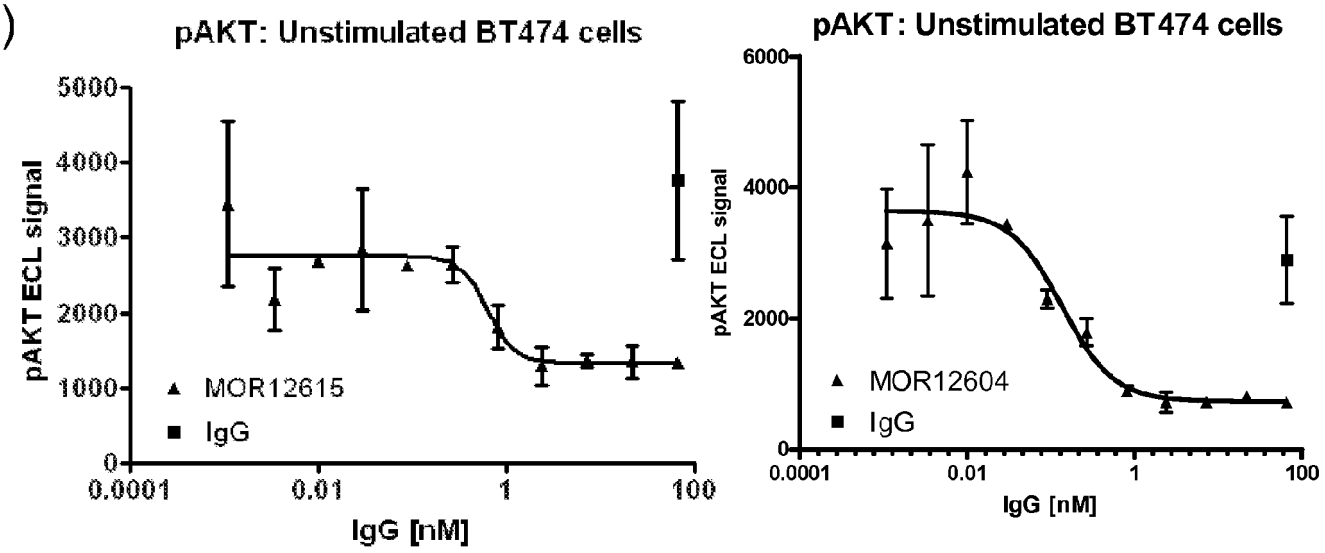
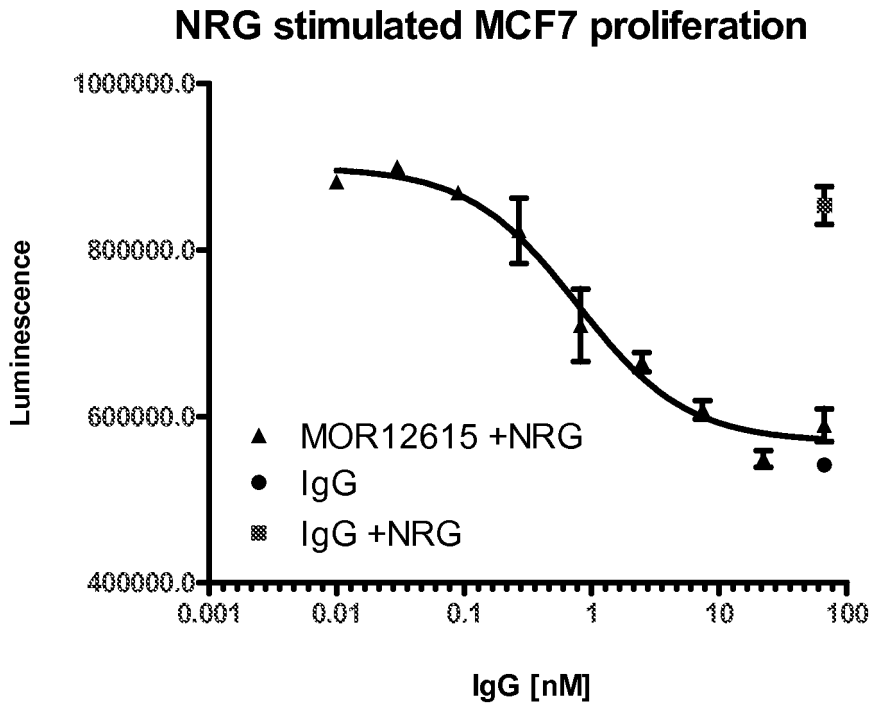

pAKT: Unstimulated BT474 cells
pAKT ECL signal
5000
4000
3000
2000
1000
0
MOR12615
IgG
0.0001
0.01
1
100
IgG [nM]
pAKT: Unstimulated BT474 cells
pAKT ECL signal
6000
4000
2000
0
MOR12604
IgG
0.0001
0.01
1
100
IgG [nM]

Figure 7


NRG stimulated MCF7 proliferation
1000000.0
800000.0
600000.0
400000.0
Luminescence
MOR12615 +NRG
IgG
IgG +NRG
0.001
0.01
0.1
1
10
100
IgG [nM]

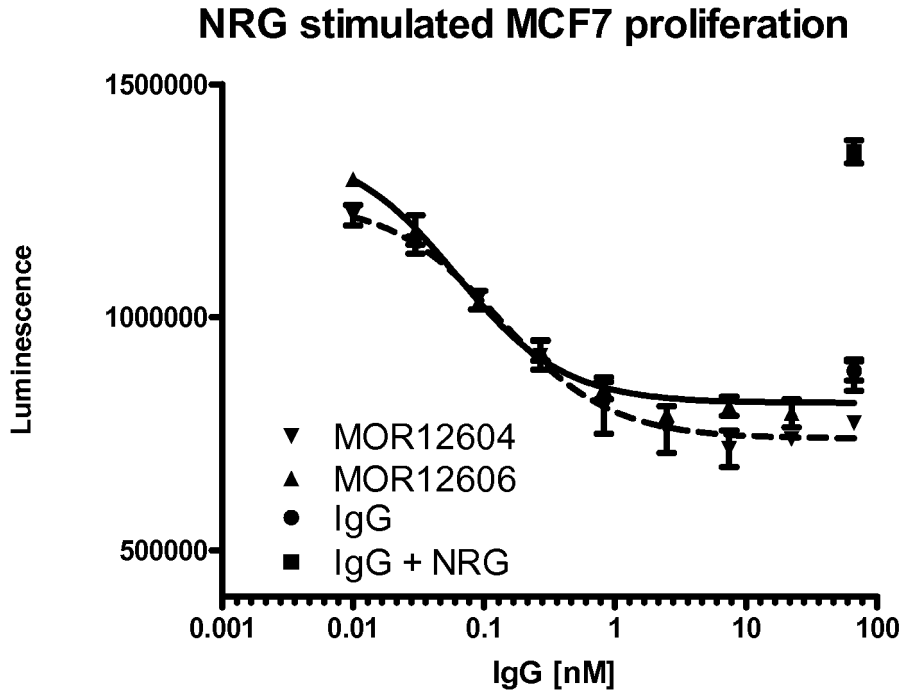

NRG stimulated MCF7 proliferation
1500000
1000000
500000
Luminescence
MOR12604
MOR12606
IgG
IgG + NRG
0.001
0.01
0.1
1
10
100
IgG [nM]

Figure 8

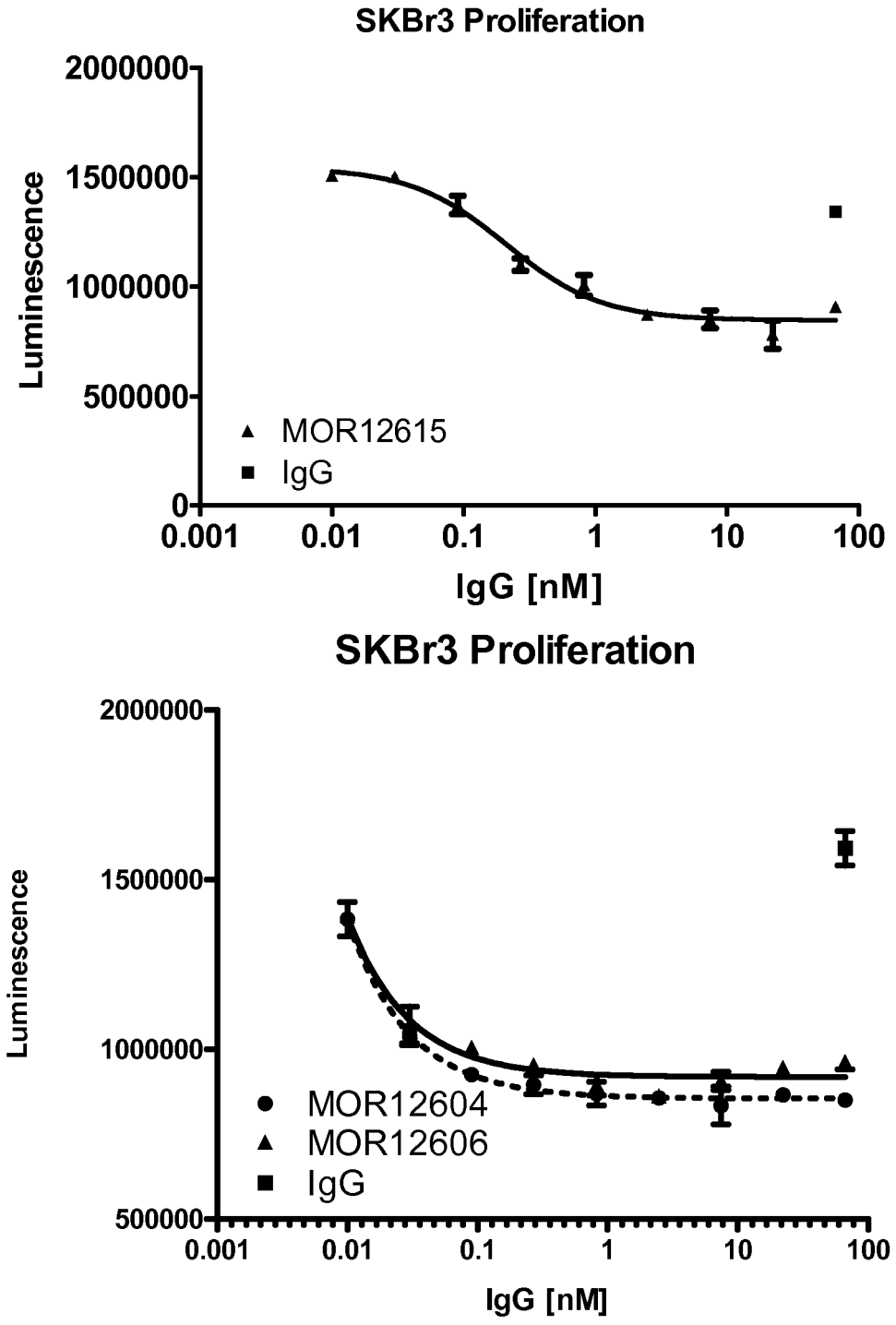

SKBr3 Proliferation
Luminescence
2000000
1500000
1000000
500000
0
MOR12615
IgG
0.001
0.01
0.1
1
10
100
IgG [nM]
SKBr3 Proliferation
Luminescence
2000000
1500000
1000000
500000
MOR12604
MOR12606
IgG
0.001
0.01
0.1
1
10
100
IgG [nM]

Figure 9

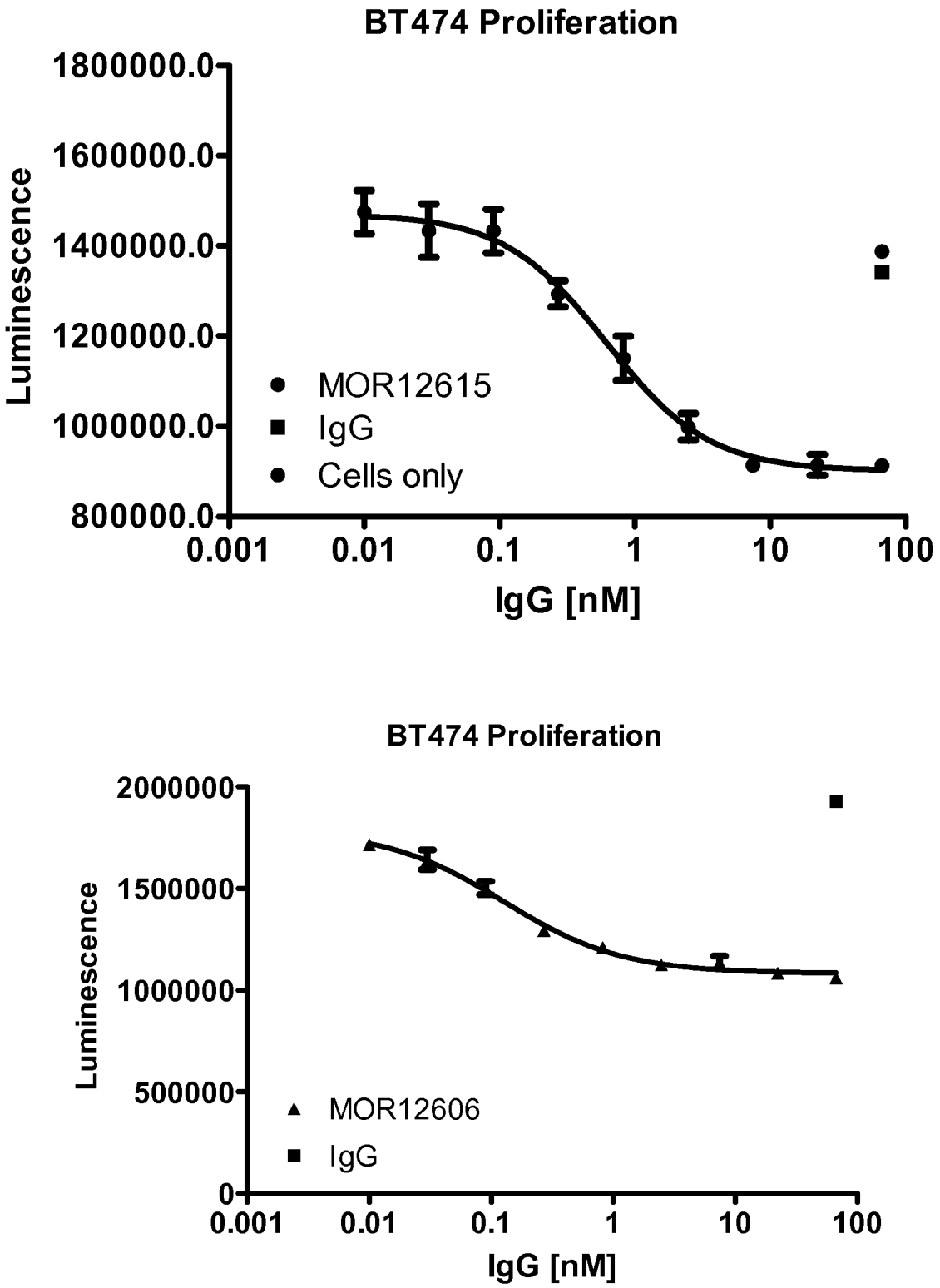
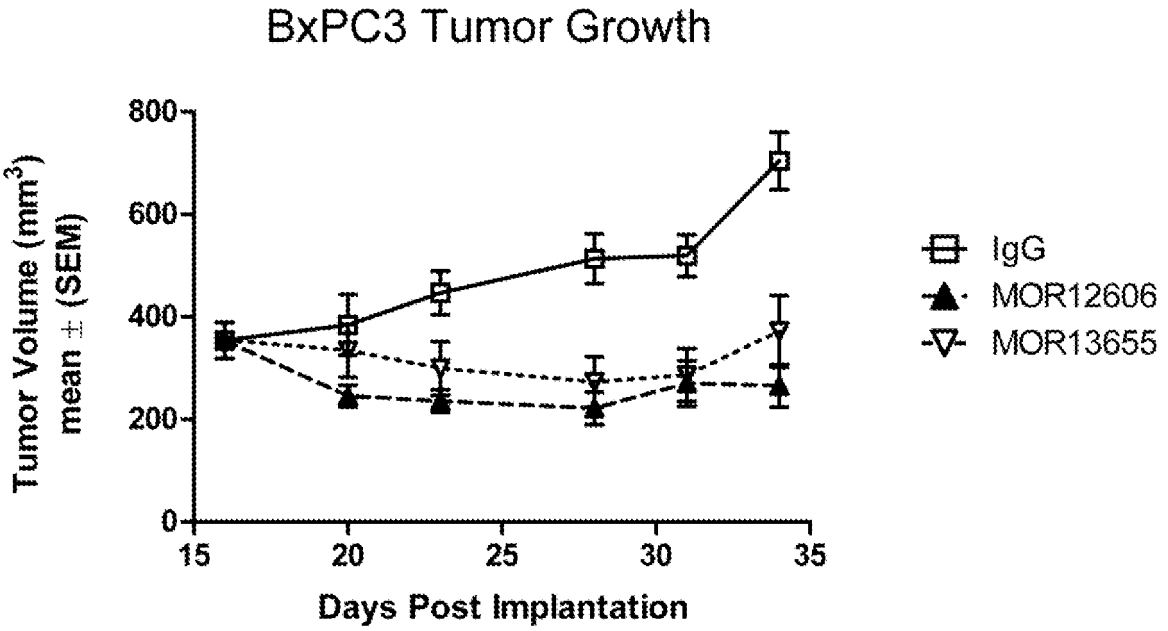

BT474 Proliferation
Luminescence
1800000.0
1600000.0
1400000.0
1200000.0
1000000.0
800000.0
MOR12615
IgG
Cells only
0.001
0.01
0.1
1
10
100
IgG [nM]
BT474 Proliferation
Luminescence
2000000
1500000
1000000
500000
0
MOR12606
IgG
0.001
0.01
0.1
1
10
100
IgG [nM]

Figure 10


BxPC3 Tumor Growth
Tumor Volume (mm3)
mean ± (SEM)
800
600
400
200
0
15
20
25
30
35
Days Post Implantation
IgG
MOR12606
MOR13655

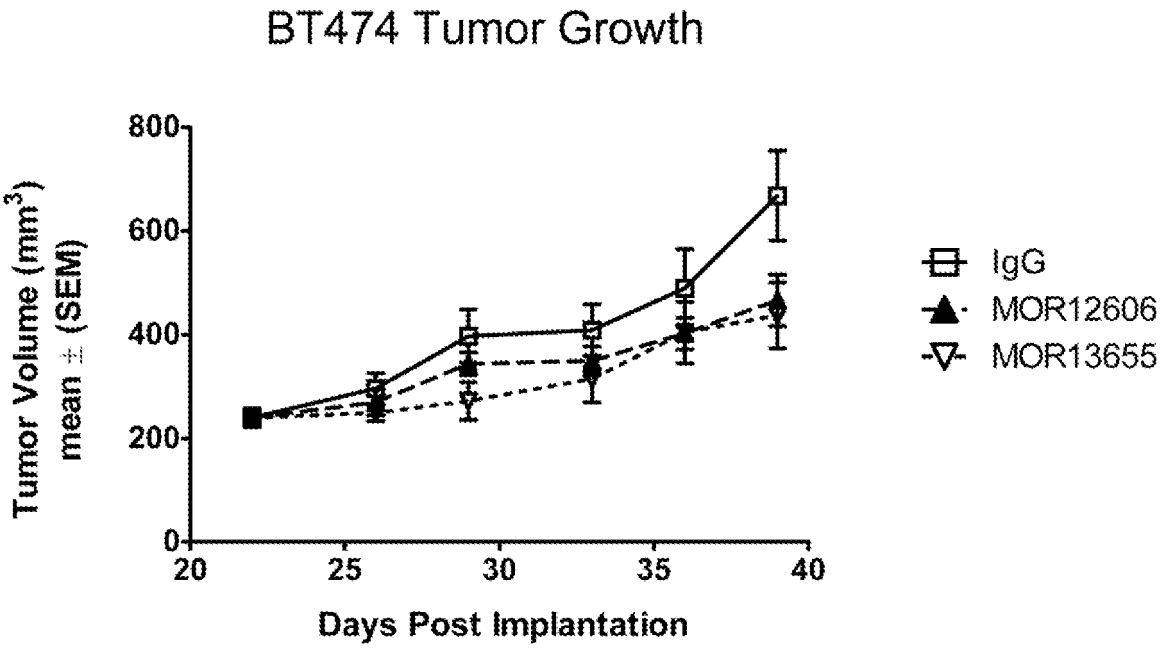

BT474 Tumor Growth
Tumor Volume (mm3)
mean ± (SEM)
800
600
400
200
0
20
25
30
35
40
Days Post Implantation
IgG
MOR12606
MOR13655

Figure 11

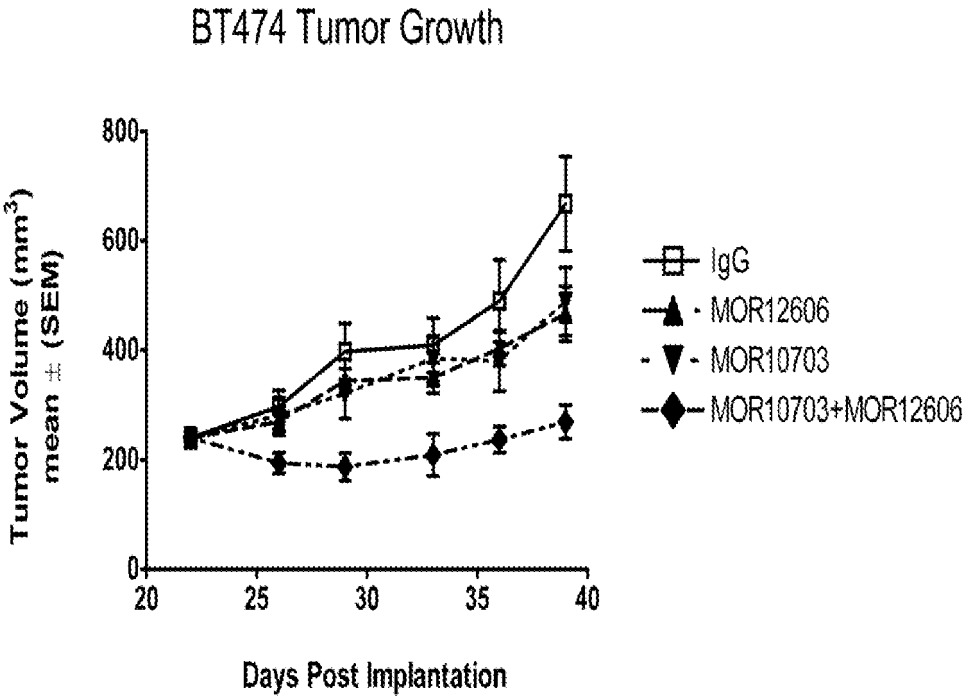

BT474 Tumor Growth
Tumor Volume (mm3)
mean ± (SEM)
800
600
400
200
0
20
25
30
35
40
Days Post Implantation
IgG
MOR12606
MOR10703
MOR10703+MOR12606

Figure 12