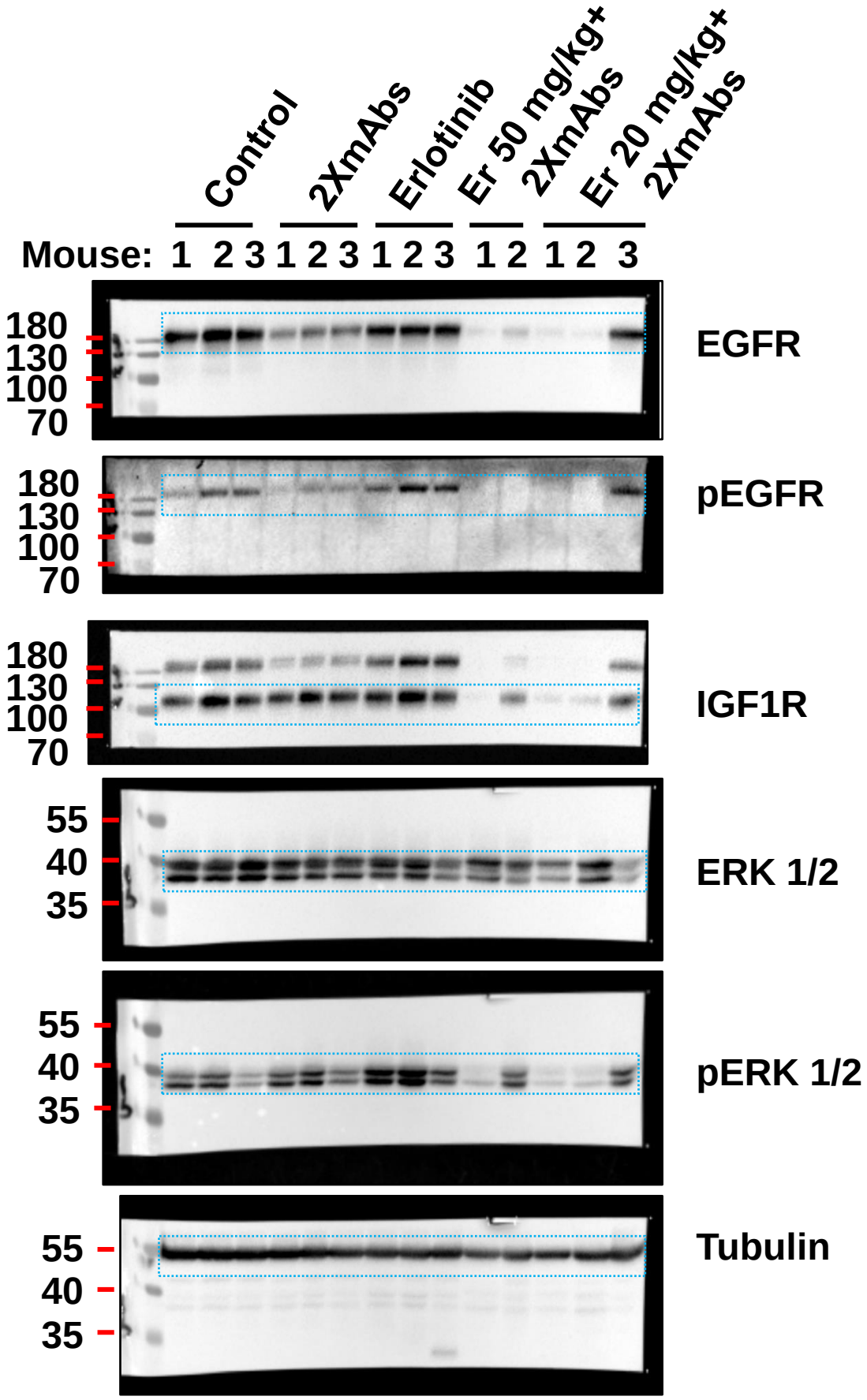
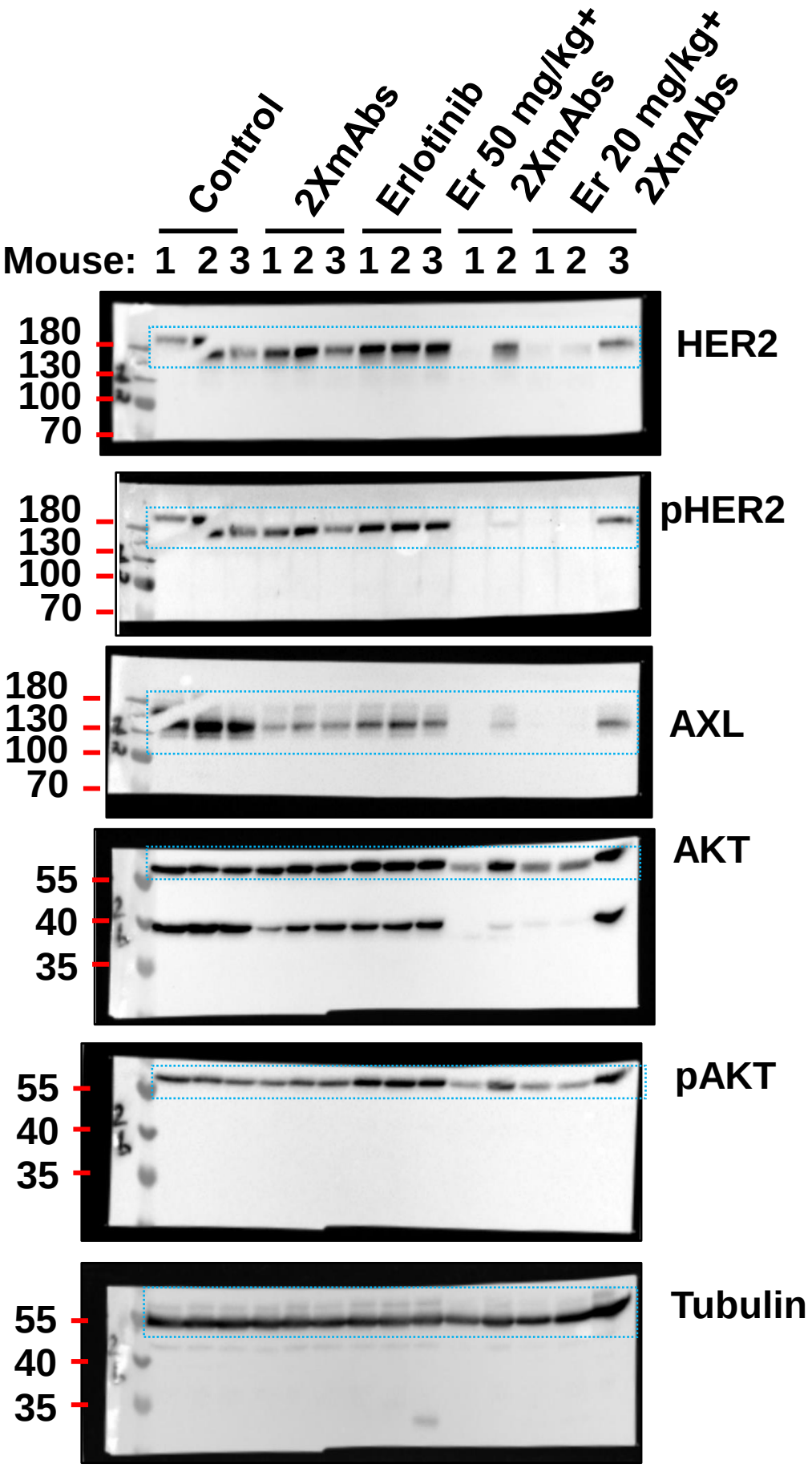
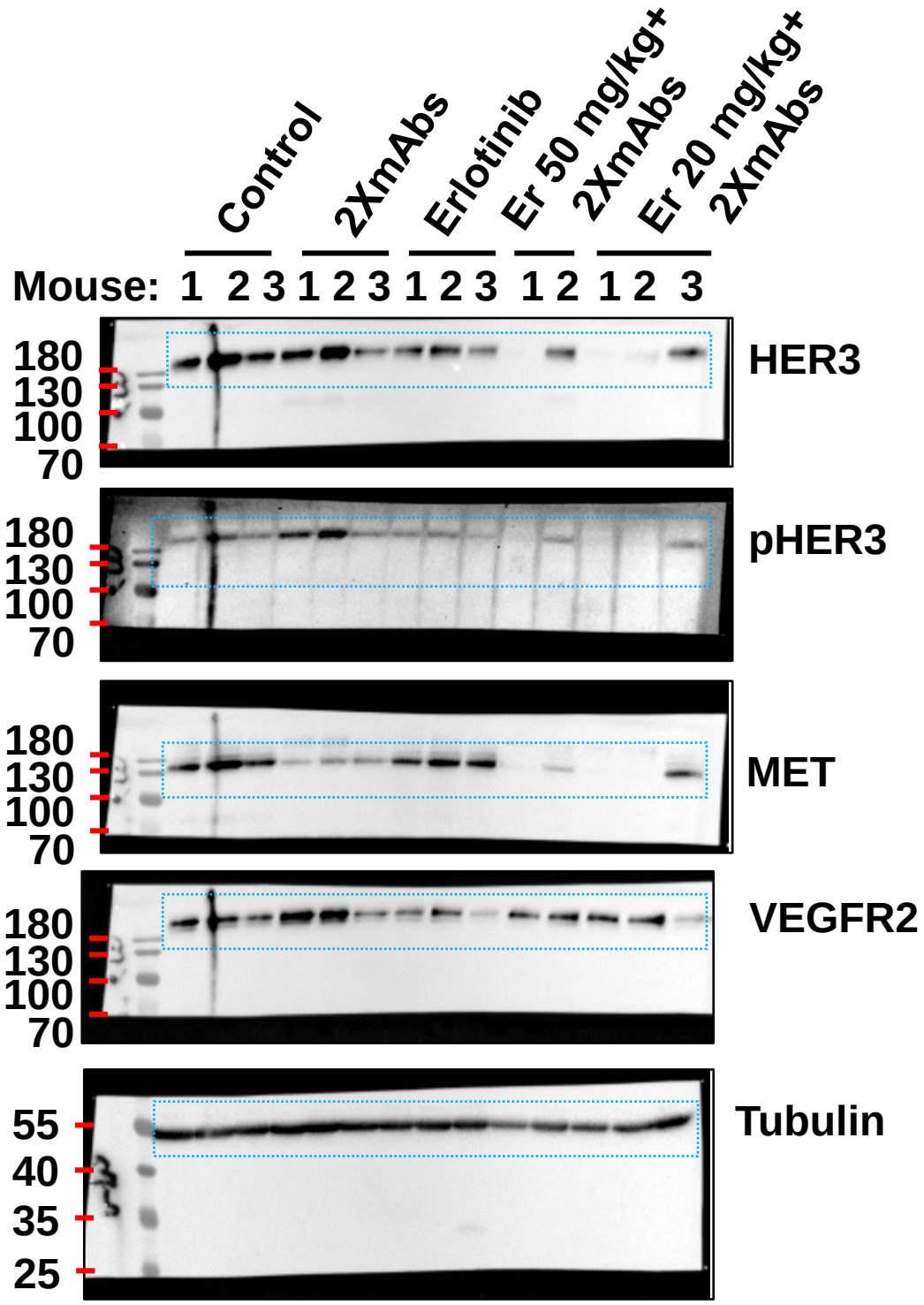
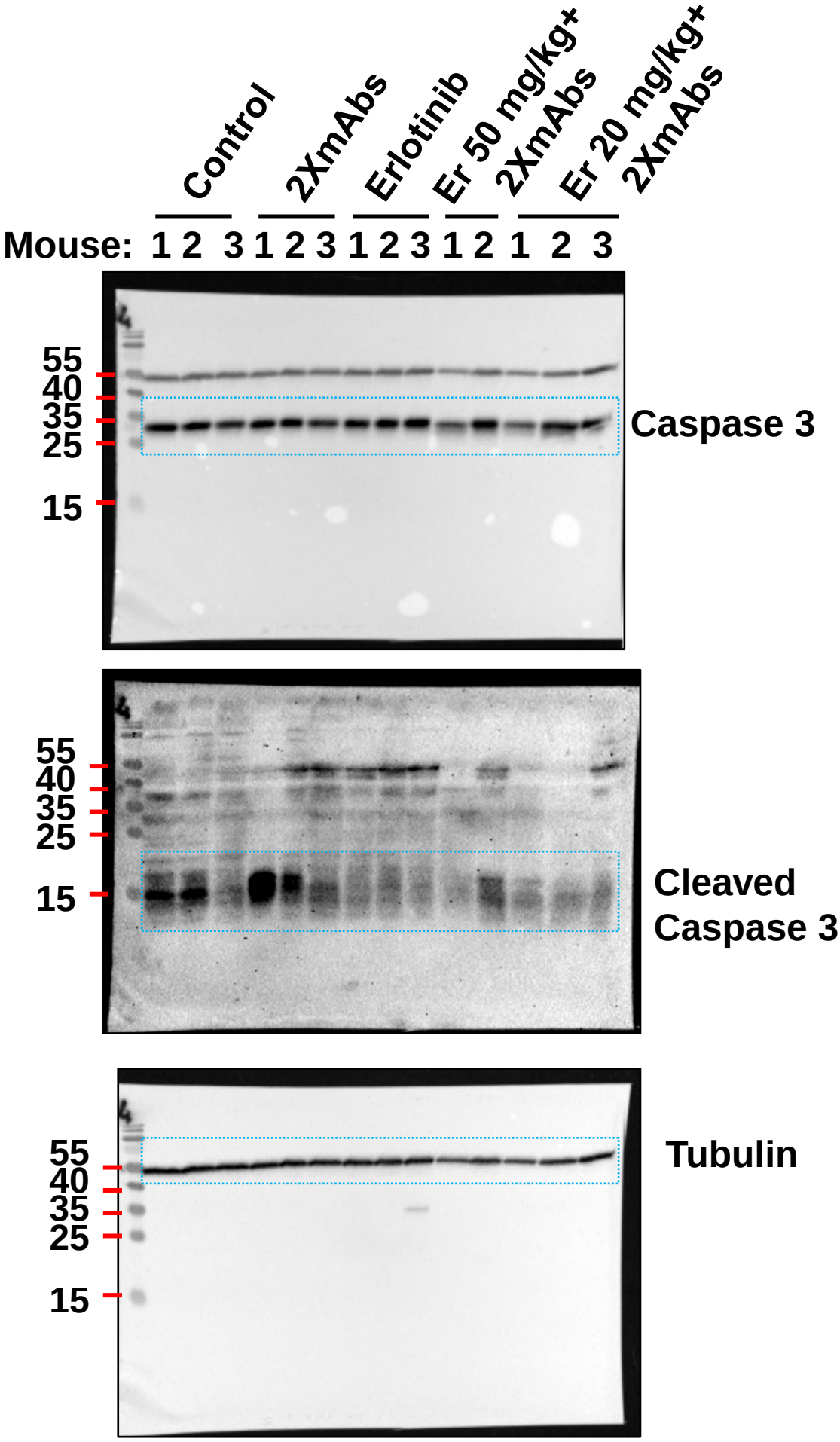
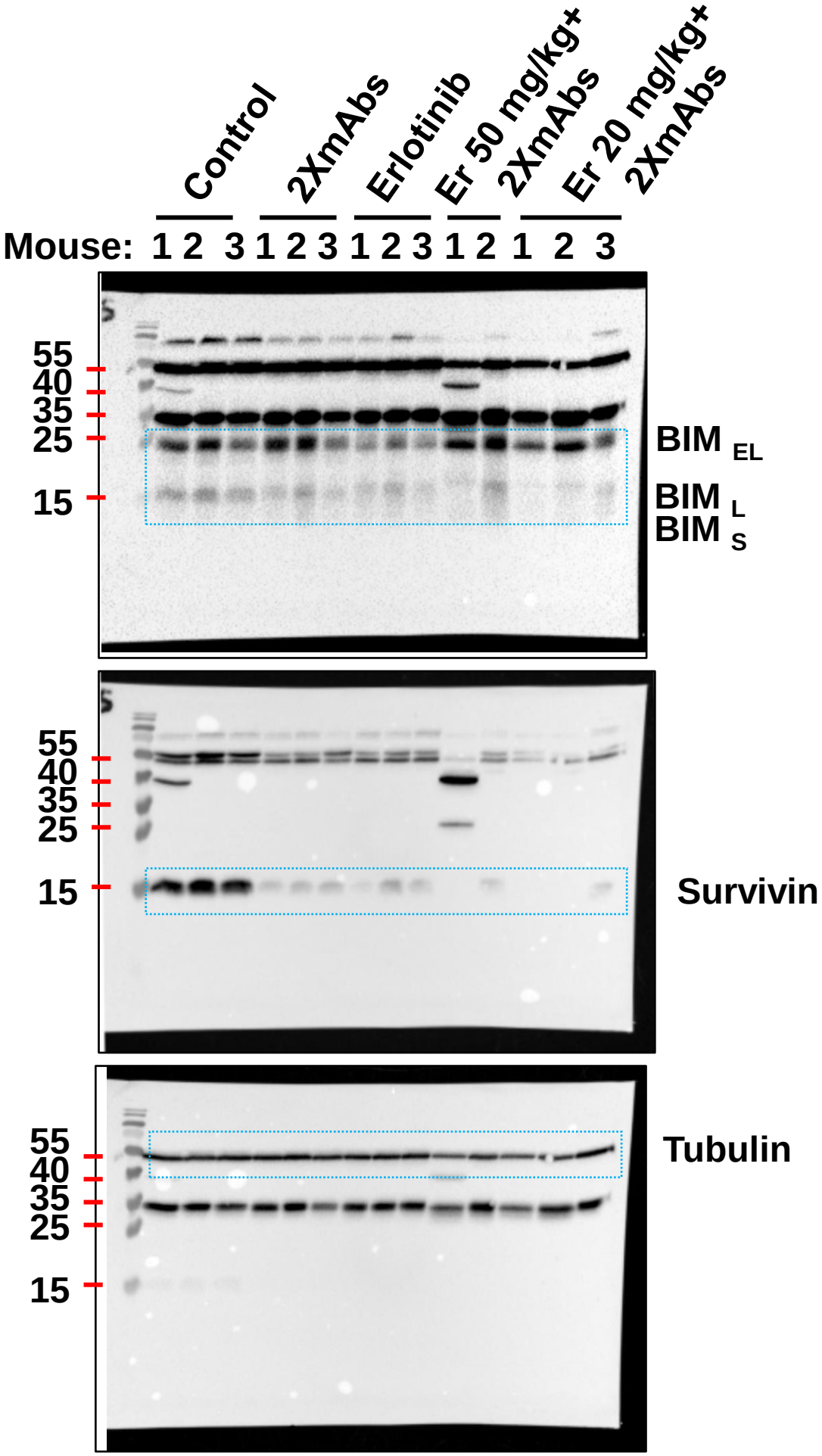
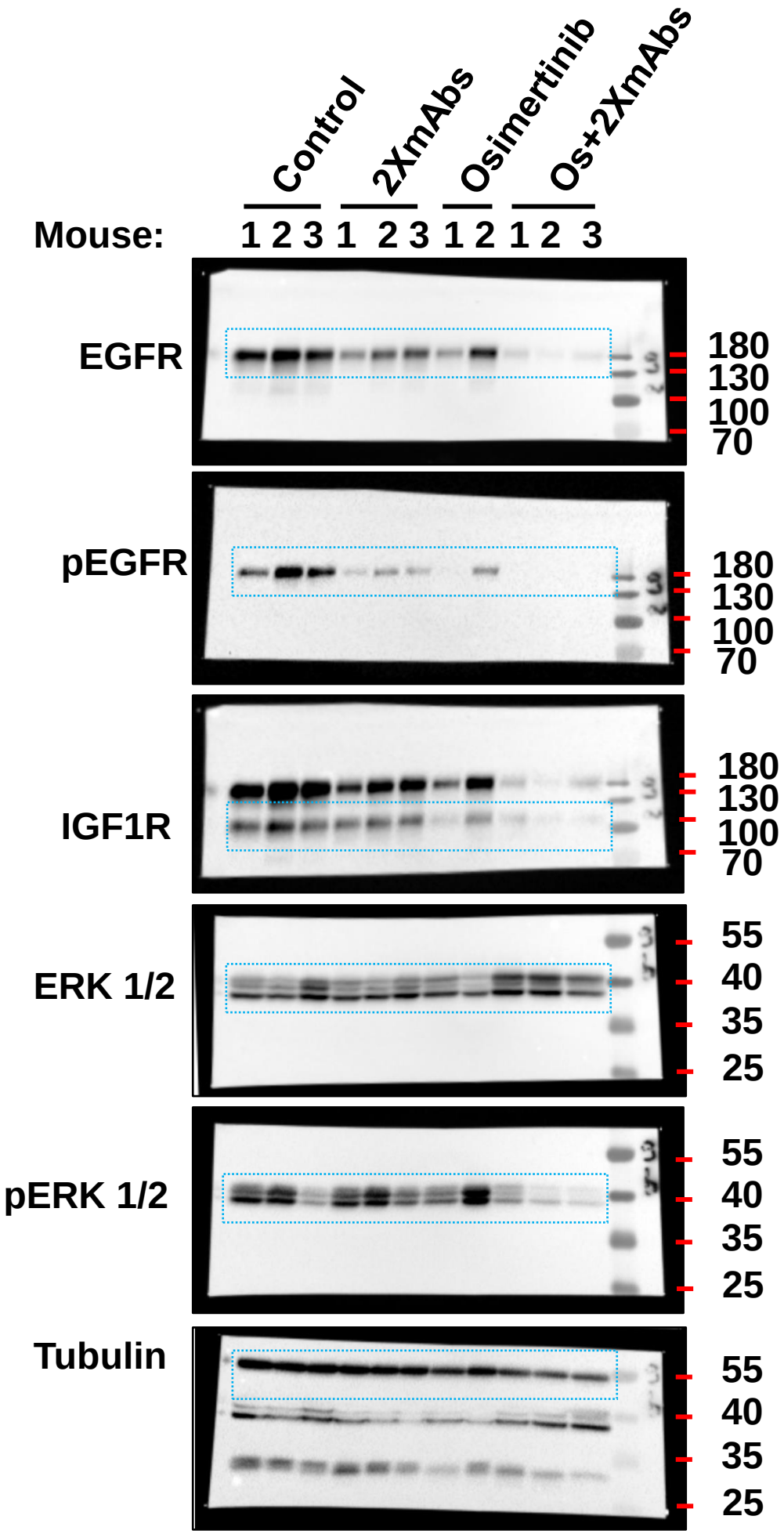

Control
2XmAbs
Erlotinib
Er 50 mg/kg+ 2XmAbs
Er 20 mg/kg+ 2XmAbs
Mouse: 1 2 3 1 2 3 1 2 3 1 2 1 2 3
180
130
100
70
EGFR
pEGFR
IGF1R
55
40
35
ERK 1/2
pERK 1/2
Tubulin

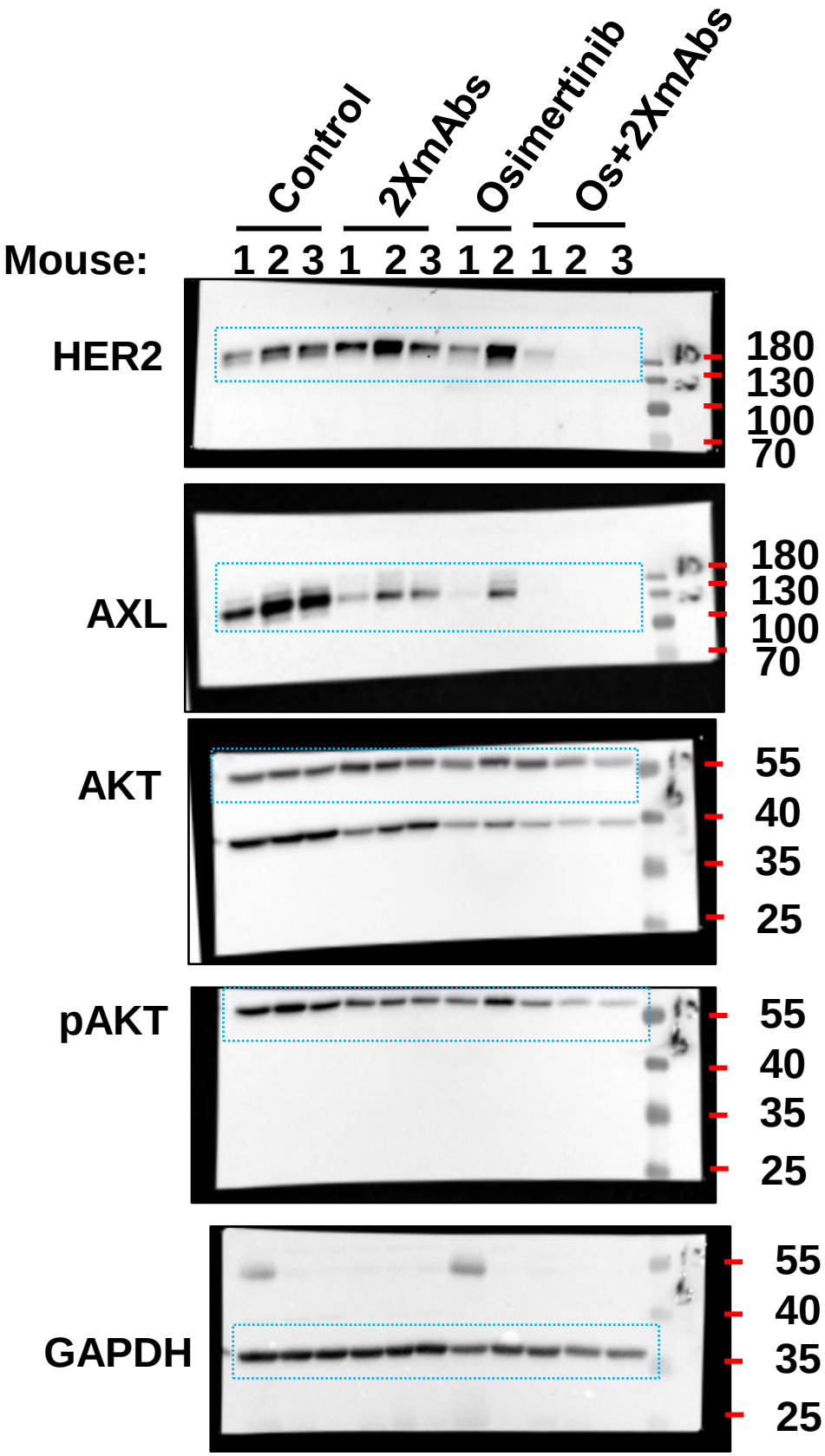

Control
2XmAbs
Erlotinib
Er 50 mg/kg+ 2XmAbs
Er 20 mg/kg+ 2XmAbs
Mouse: 1 2 3 1 2 3 1 2 3 1 2 1 2 3
180
130
100
70
HER2
pHER2
AXL
55
40
35
AKT
pAKT
Tubulin

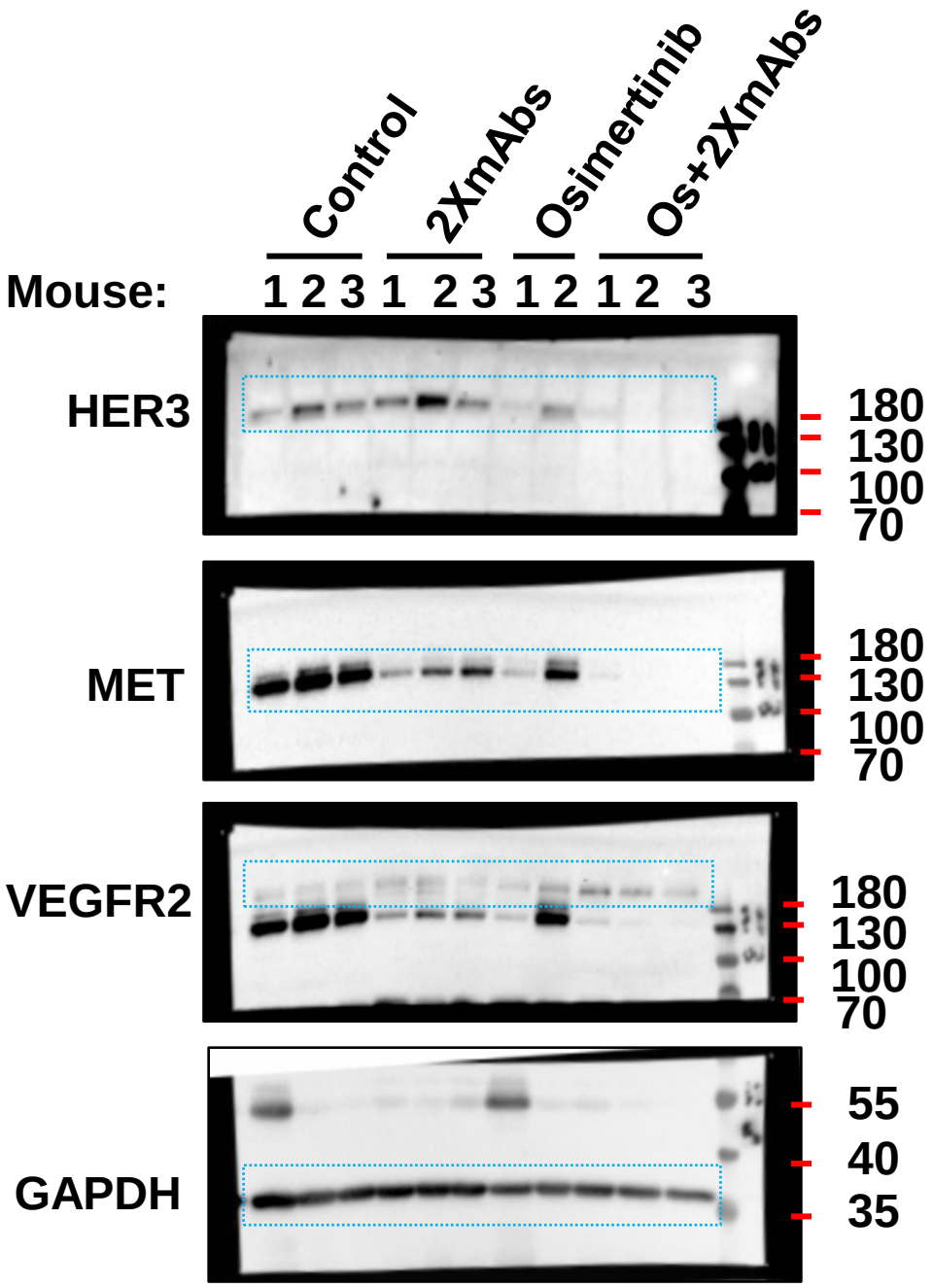

Control
2XmAbs
Erlotinib
Er 50 mg/kg+ 2XmAbs
Er 20 mg/kg+ 2XmAbs
Mouse: 1 2 3 1 2 3 1 2 3 1 2 1 2 3
180
130
100
70
HER3
180
130
100
70
pHER3
180
130
100
70
MET
180
130
100
70
VEGFR2
55
40
35
25
Tubulin

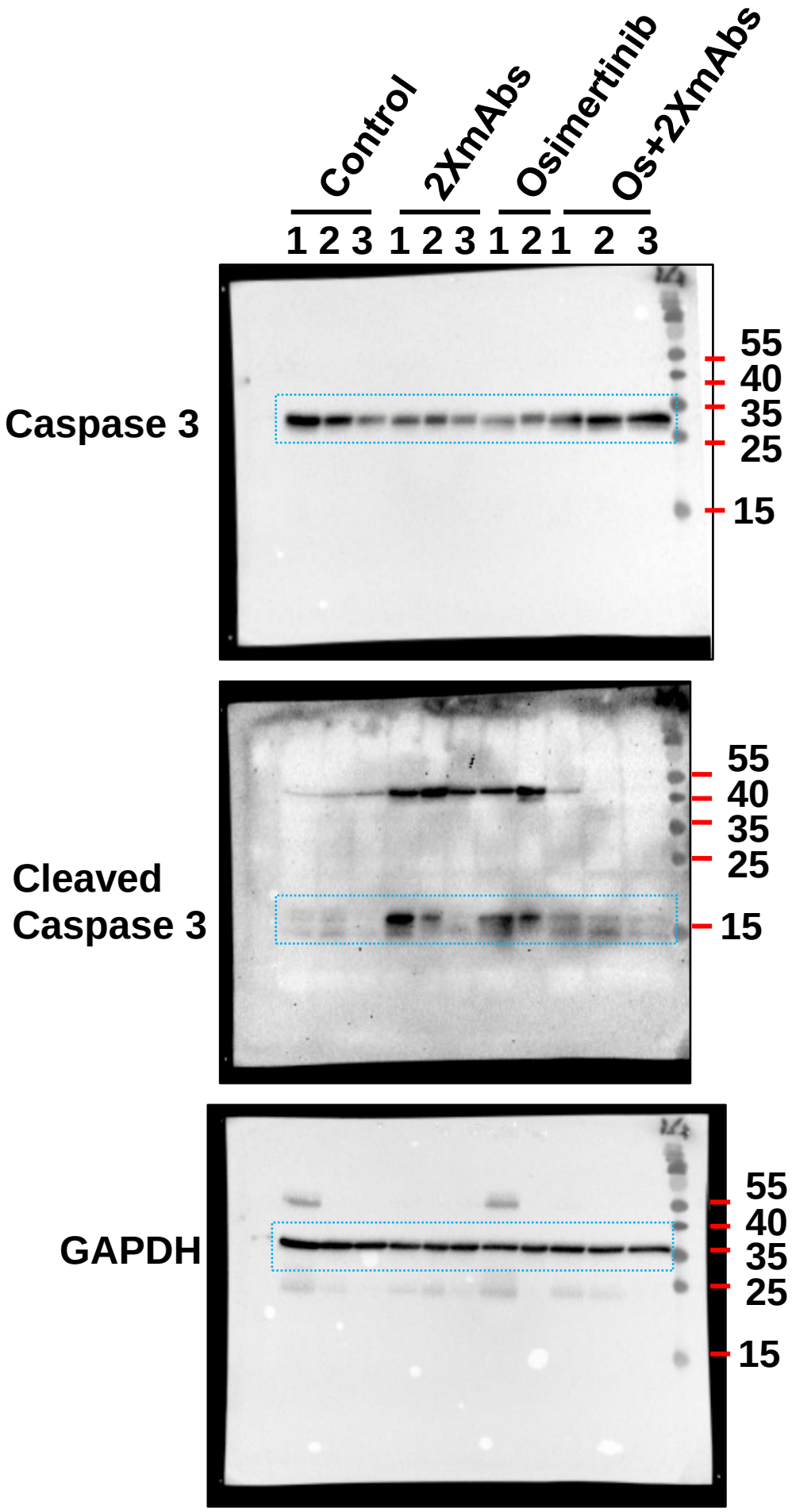

Control
2XmAbs
Erlotinib
Er 50 mg/kg+ 2XmAbs
Er 20 mg/kg+ 2XmAbs
Mouse: 1 2 3 1 2 3 1 2 3 1 2 1 2 3
55
40
35
25
15
Caspase 3
55
40
35
25
15
Cleaved Caspase 3
55
40
35
25
15
Tubulin

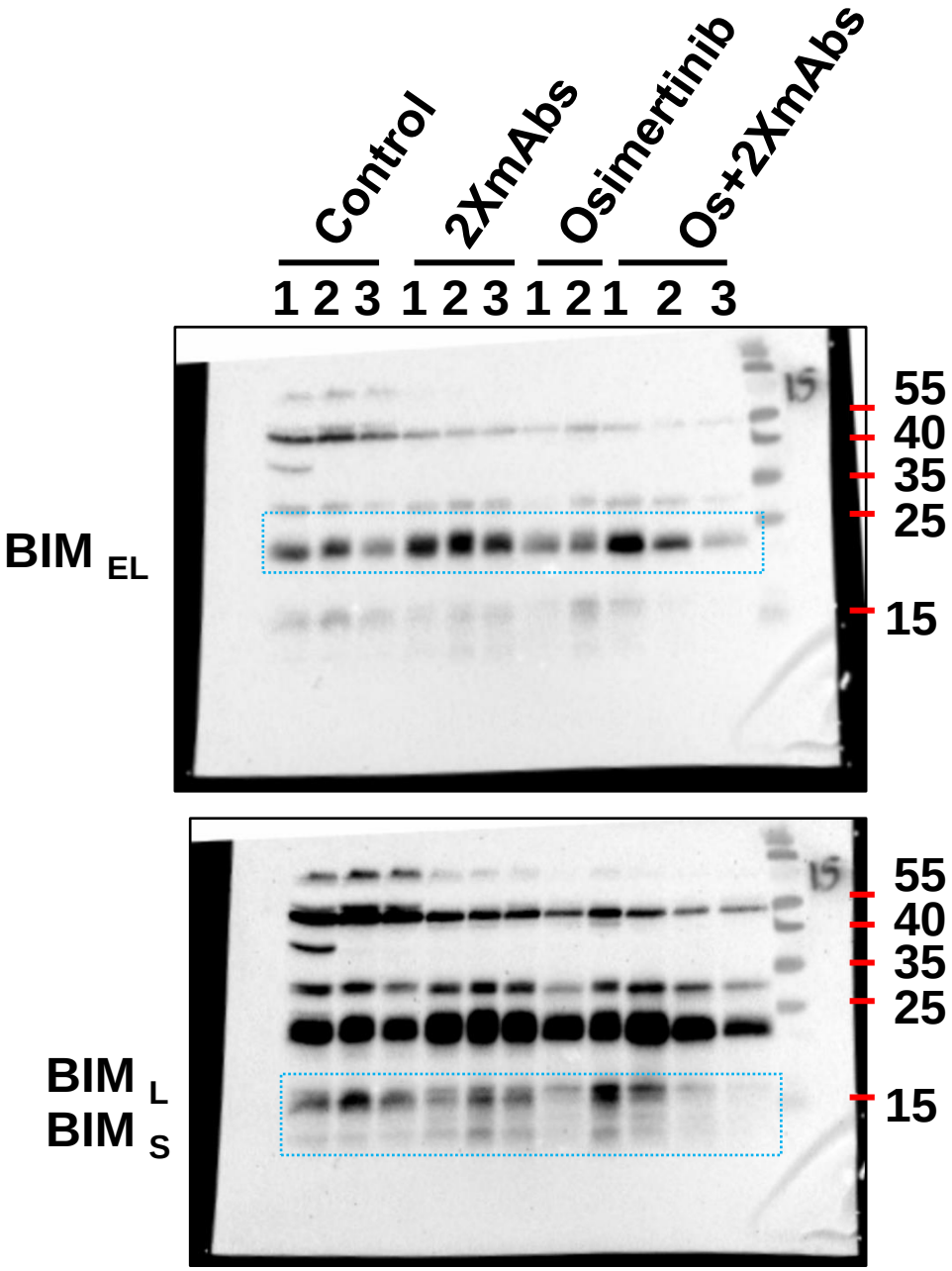

Control
2XmAbs
Erlotinib
Er 50 mg/kg+ 2XmAbs
Er 20 mg/kg+ 2XmAbs
Mouse: 1 2 3 1 2 3 1 2 3 1 2 1 2 3
55
40
35
25
15
BIM EL
BIM L
BIM S
Survivin
Tubulin

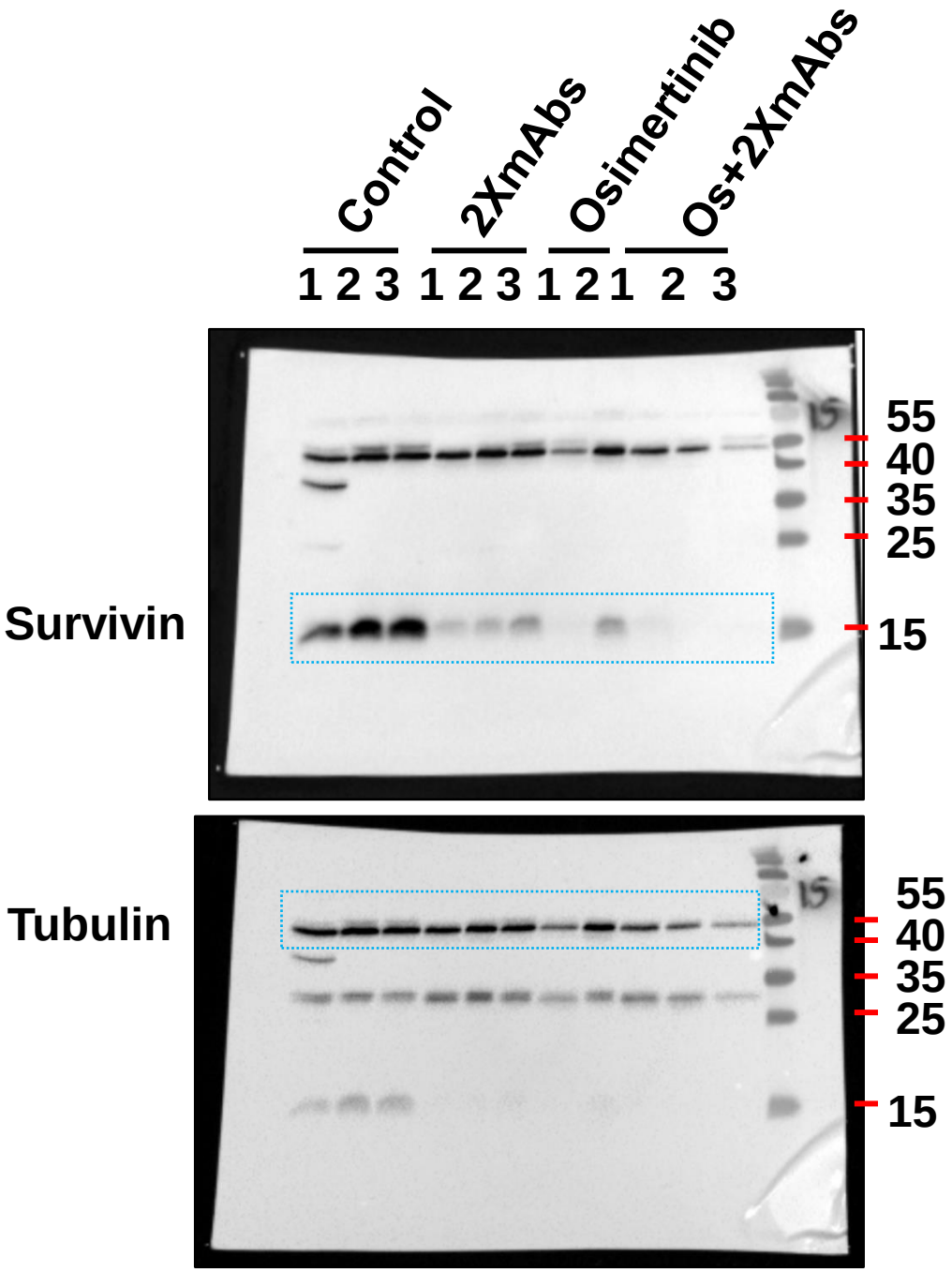

Control
2XmAbs
Osimertinib
Os+2XmAbs
Mouse:
1 2 3 1 2 3 1 2 1 2 3
EGFR
180
130
100
70
pEGFR
180
130
100
70
IGF1R
180
130
100
70
ERK 1/2
55
40
35
25
pERK 1/2
55
40
35
25
Tubulin
55
40
35
25

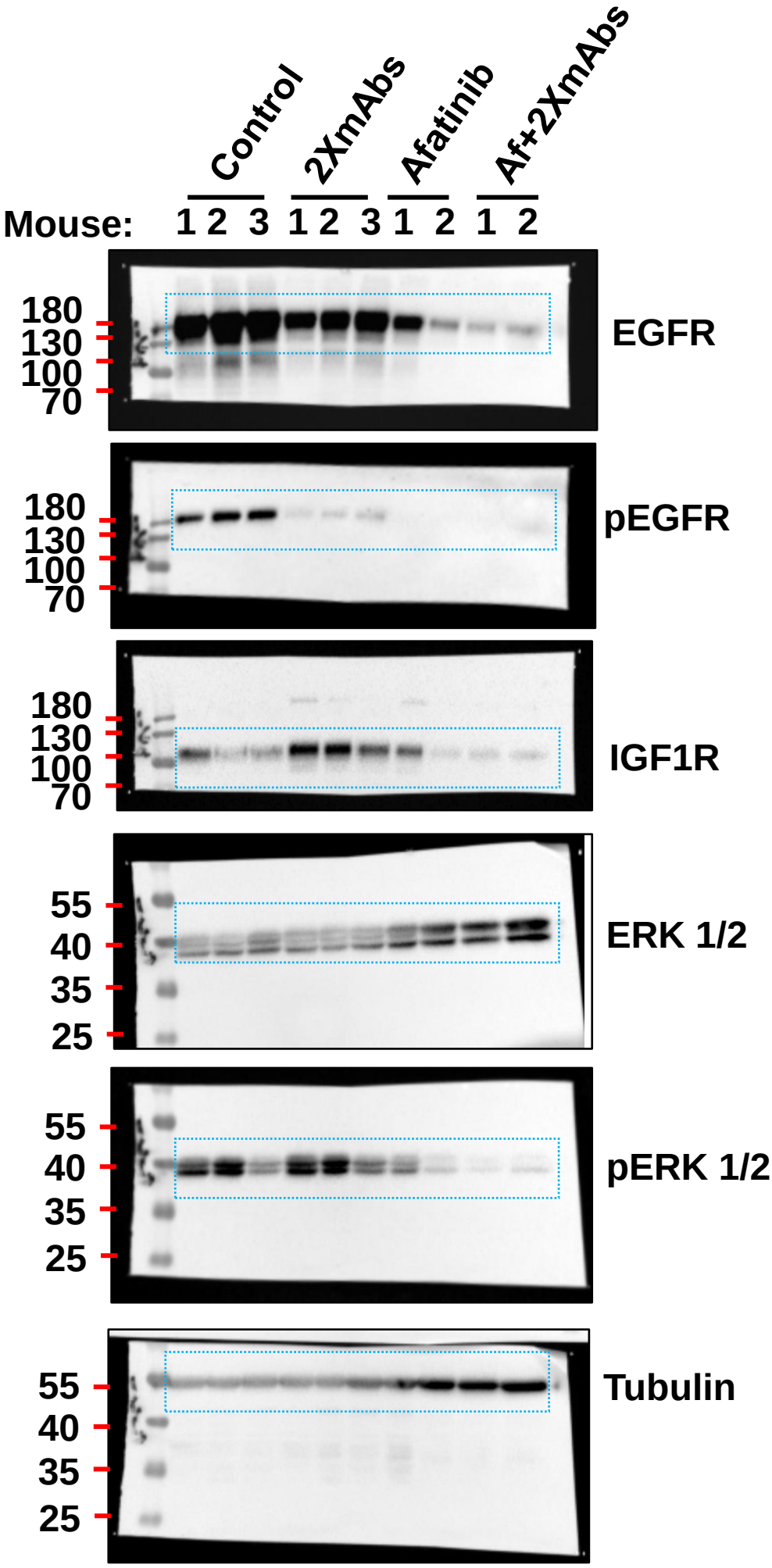

Control
2XmAbs
Osimertinib
Os+2XmAbs
Mouse:
1 2 3 1 2 3 1 2 1 2 3
HER2
180
130
100
70
AXL
180
130
100
70
AKT
55
40
35
25
pAKT
55
40
35
25
GAPDH
55
40
35
25

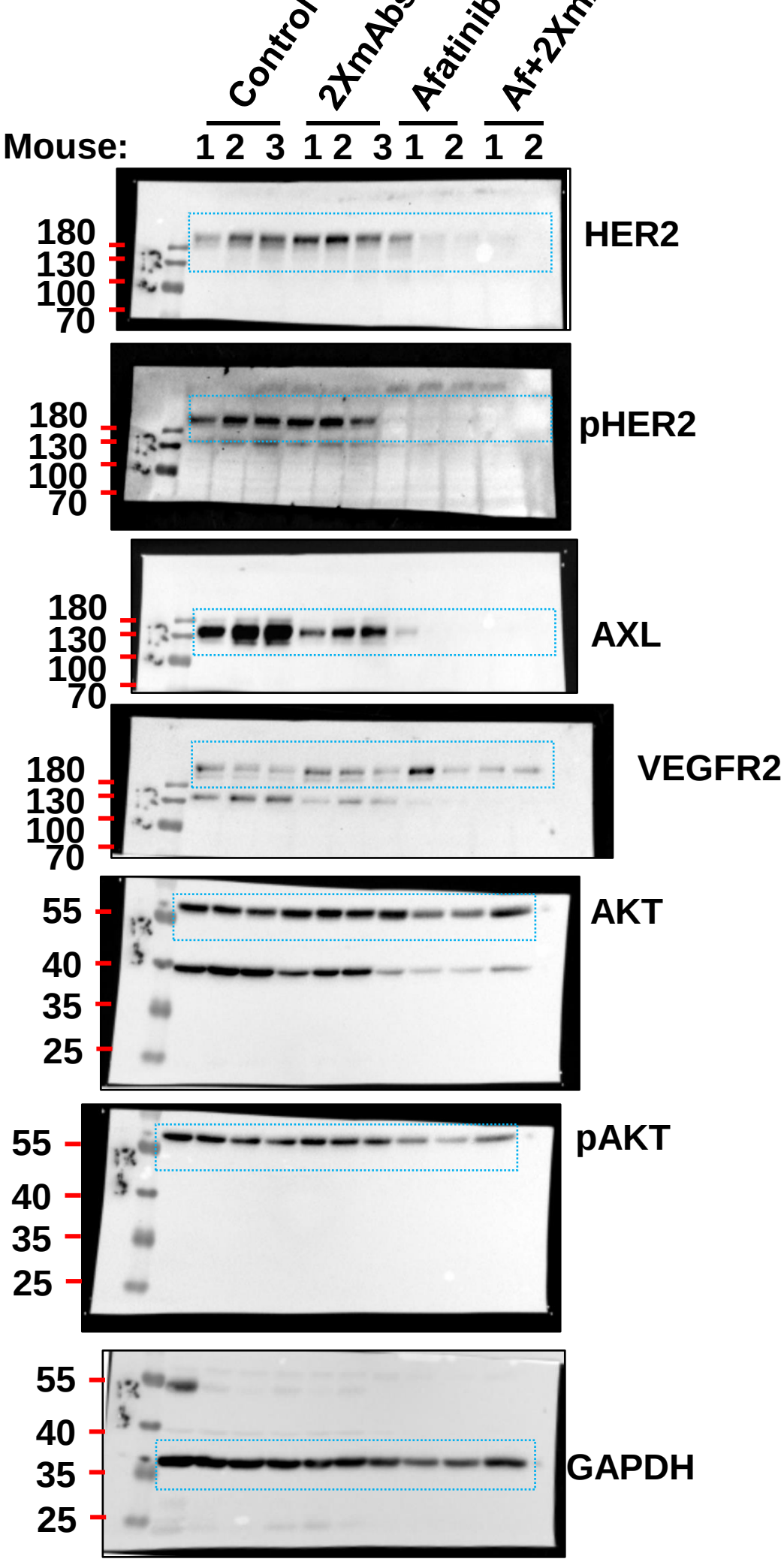

Control
2XmAbs
Osimertinib
Os+2XmAbs
Mouse:
1 2 3 1 2 3 1 2 1 2 3
HER3
180
130
100
70
MET
180
130
100
70
VEGFR2
180
130
100
70
GAPDH
55
40
35

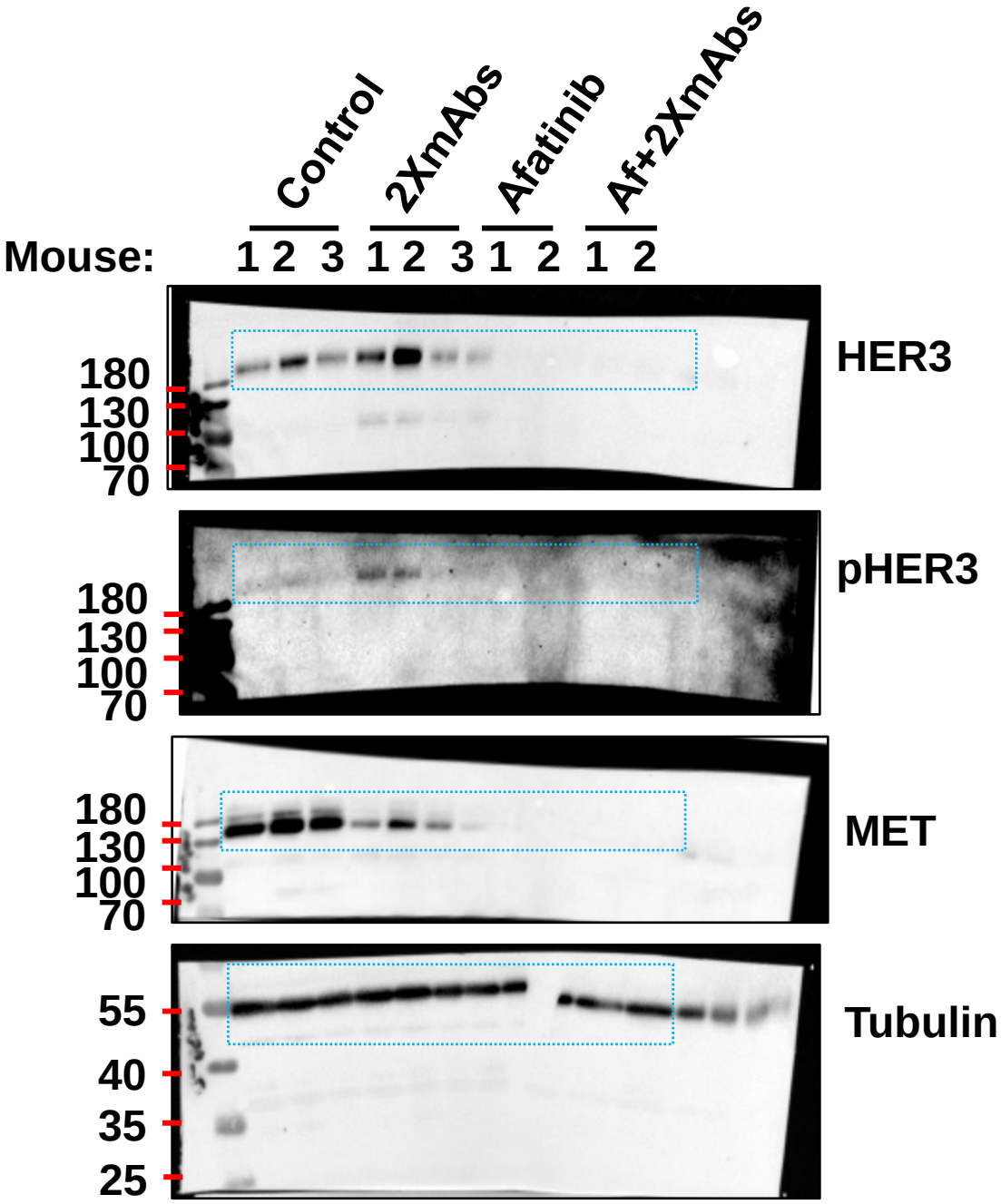

Control
2XmAbs
Osimertinib
Os+2XmAbs
1 2 3 1 2 3 1 2 1 2 3
Caspase 3
55
40
35
25
15
Cleaved Caspase 3
55
40
35
25
15
GAPDH
55
40
35
25
15

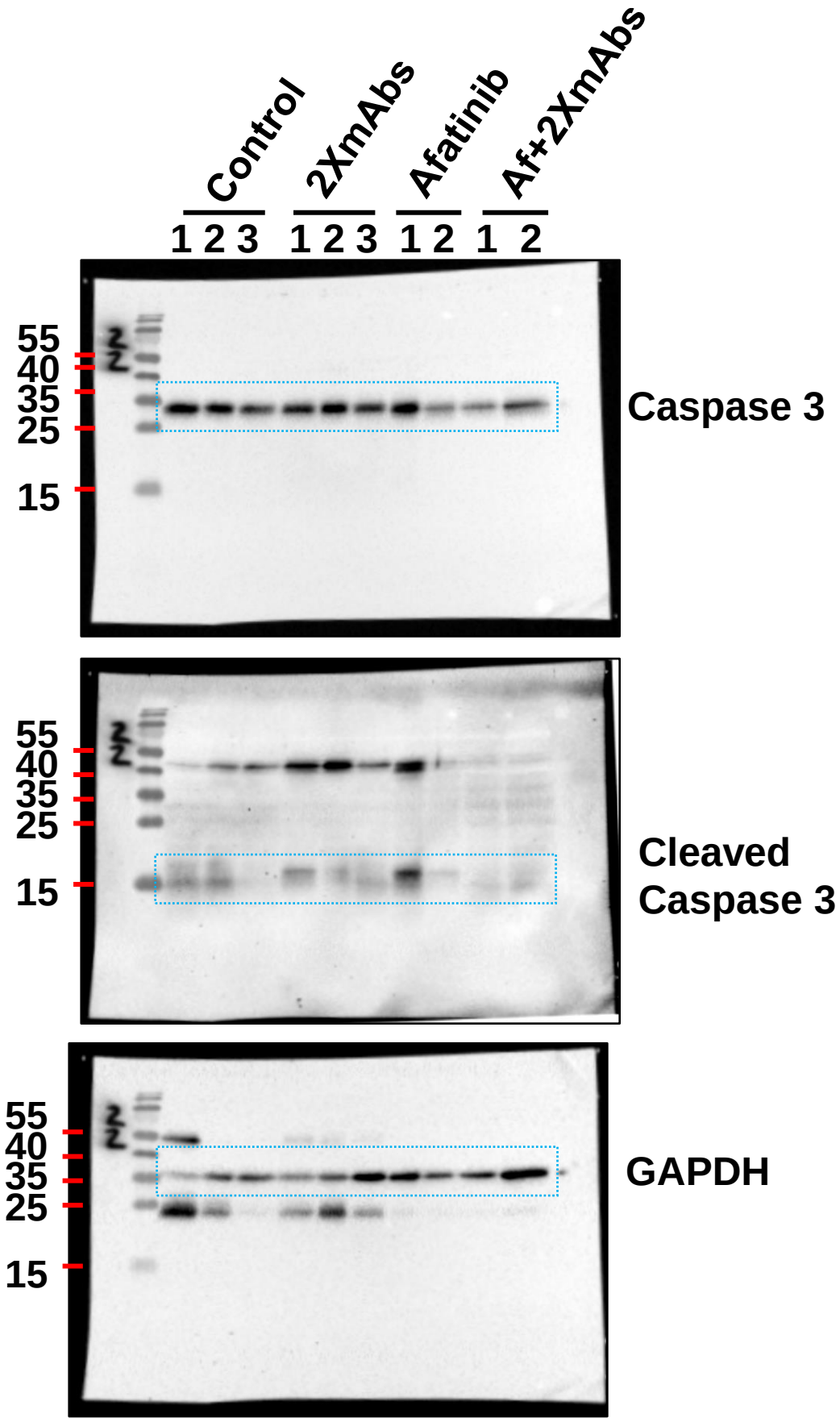

Control
2XmAbs
Osimertinib
Os+2XmAbs
1 2 3 1 2 3 1 2 1 2 3
55
40
35
25
15
BIM EL
55
40
35
25
15
BIM L
BIM S

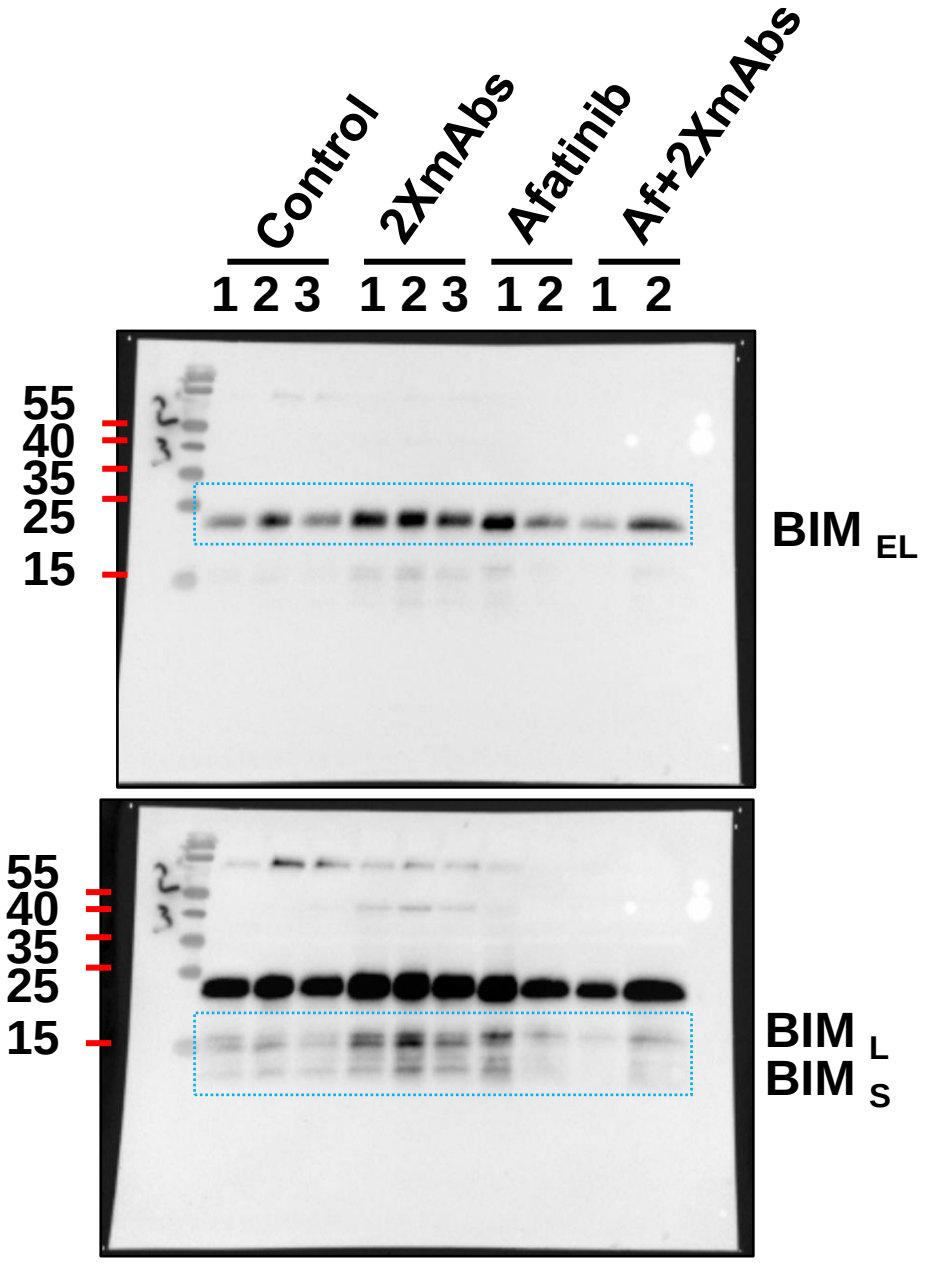

Control
2XmAbs
Osimertinib
Os+2XmAbs
1 2 3 1 2 3 1 2 1 2 3
Survivin
55
40
35
25
15
Tubulin
55
40
35
25
15

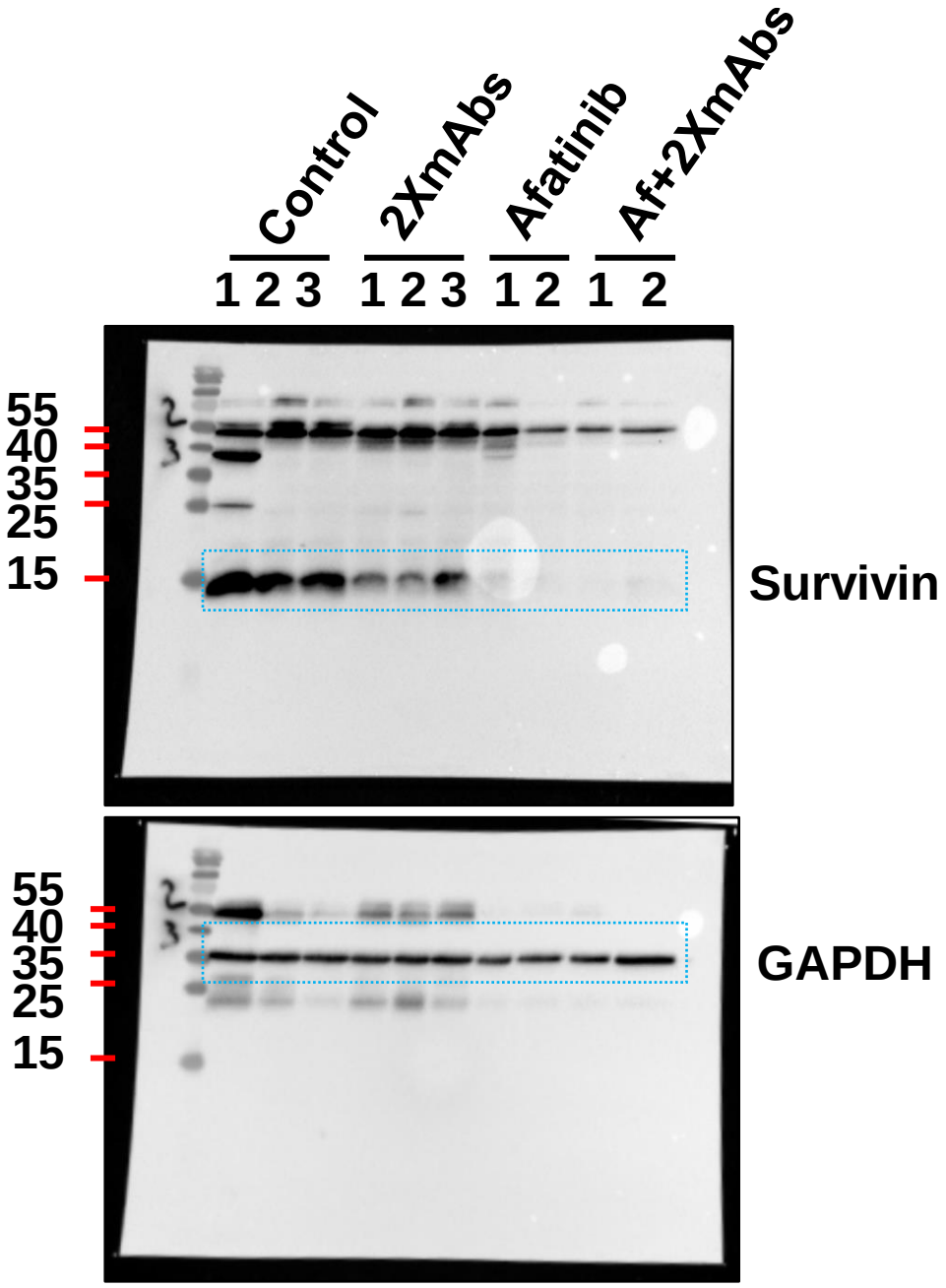

Control
2XmAbs
Afatinib
Af+2XmAbs
Mouse: 1 2 3 1 2 3 1 2 1 2
180
130
100
70
EGFR
180
130
100
70
pEGFR
180
130
100
70
IGF1R
55
40
35
25
ERK 1/2
55
40
35
25
pERK 1/2
55
40
35
25
Tubulin


Control
2XmAbs
Afatinib
Af+2Xm
Mouse: 1 2 3 1 2 3 1 2 1 2
180
130
100
70
HER2
pHER2
AXL
VEGFR2
55
40
35
25
AKT
pAKT
GAPDH


Control
2XmAbs
Afatinib
Af+2XmAbs
Mouse:
1 2 3 1 2 3 1 2 1 2
HER3
180
130
100
70
pHER3
180
130
100
70
MET
180
130
100
70
Tubulin
55
40
35
25


Control
2XmAbs
Afatinib
Af+2XmAbs
1 2 3
1 2 3
1 2
1 2
55
40
35
25
15
Caspase 3
55
40
35
25
15
Cleaved
Caspase 3
55
40
35
25
15
GAPDH


Control
2XmAbs
Afatinib
Af+2XmAbs
1 2 3
1 2 3
1 2
1 2
55
40
35
25
15
BIM EL
55
40
35
25
15
BIM L
BIM S


Control
2XmAbs
Afatinib
Af+2XmAbs
1 2 3
1 2 3
1 2
1 2
55
40
35
25
15
Survivin
55
40
35
25
15
GAPDH