
KC-1451 CT26-EGFR
MFI
Log[Tested articles](ug/mL)
KB-1398-01 Cetuximab
IgG1 Isotype
KC-1451 CT26-EGFR
MFI
Log[Tested articles](ug/mL)
KD-22-0198 22A12-2
KD-22-0220 103G9-3
mIgG1 Isotype

图 1

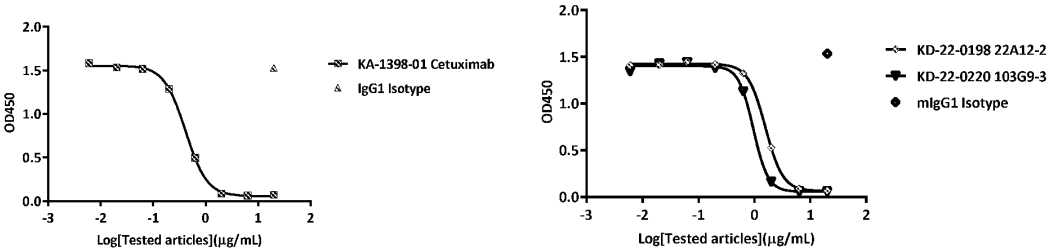

OD450
Log[Tested articles](μg/mL)
KA-1398-01 Cetuximab
IgG1 Isotype
OD450
Log[Tested articles](μg/mL)
KD-22-0198 22A12-2
KD-22-0220 103G9-3
mIgG1 Isotype

图 2

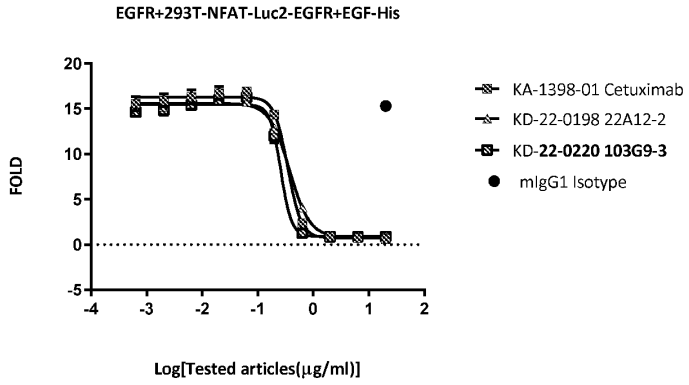

EGFR+293T-NFAT-Luc2-EGFR+EGF-His
FOLD
Log[Tested articles(μg/ml)]
KA-1398-01 Cetuximab
KD-22-0198 22A12-2
KD-22-0220 103G9-3
mIgG1 Isotype

图 3

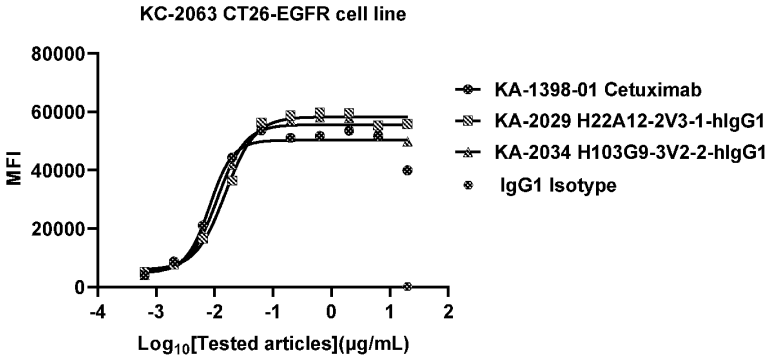

KC-2063 CT26-EGFR cell line
MFI
80000
60000
40000
20000
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](μg/mL)
KA-1398-01 Cetuximab
KA-2029 H22A12-2V3-1-hIgG1
KA-2034 H103G9-3V2-2-hIgG1
IgG1 Isotype

图 4

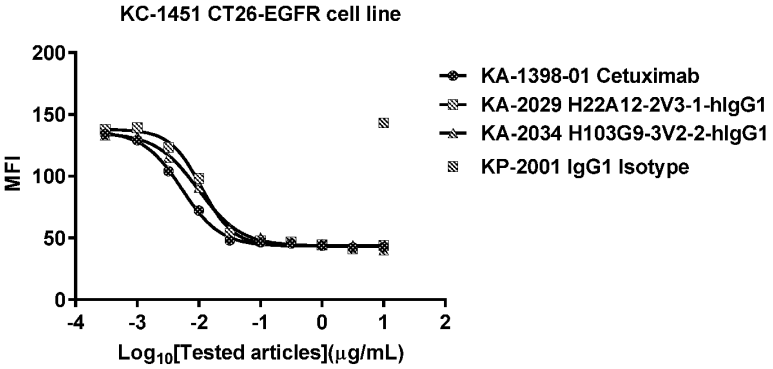

KC-1451 CT26-EGFR cell line
MFI
200
150
100
50
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](μg/mL)
KA-1398-01 Cetuximab
KA-2029 H22A12-2V3-1-hIgG1
KA-2034 H103G9-3V2-2-hIgG1
KP-2001 IgG1 Isotype

图 5

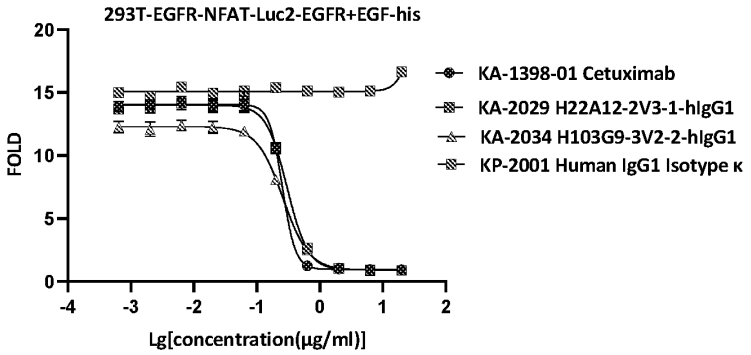

293T-EGFR-NFAT-Luc2-EGFR+EGF-his
FOLD
20
15
10
5
0
-4
-3
-2
-1
0
1
2
Lg[concentration(μg/ml)]
KA-1398-01 Cetuximab
KA-2029 H22A12-2V3-1-hIgG1
KA-2034 H103G9-3V2-2-hIgG1
KP-2001 Human IgG1 Isotype κ

图 6

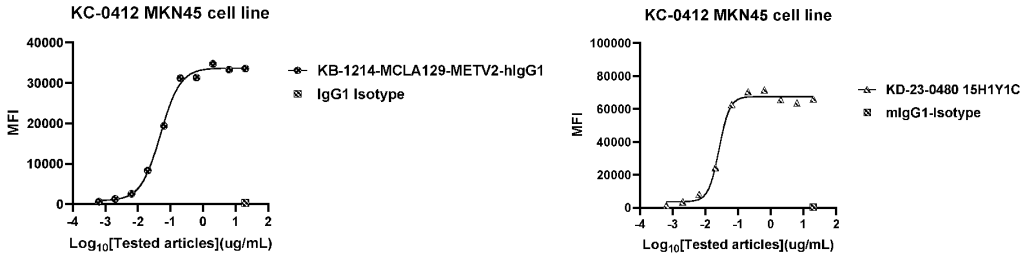

KC-0412 MKN45 cell line
MFI
40000
30000
20000
10000
0
-4 -3 -2 -1 0 1 2
Log10[Tested articles](ug/mL)
KB-1214-MCLA129-METV2-hIgG1
IgG1 Isotype
KC-0412 MKN45 cell line
MFI
100000
80000
60000
40000
20000
0
-4 -3 -2 -1 0 1 2
Log10[Tested articles](ug/mL)
KD-23-0480 15H1Y1C
mIgG1-Isotype

图 7

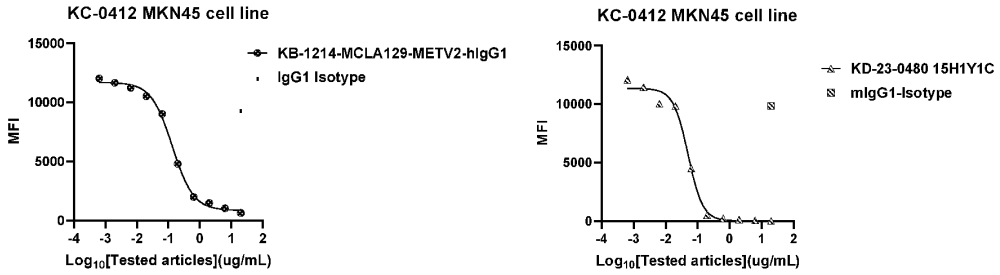

KC-0412 MKN45 cell line
MFI
15000
10000
5000
0
-4 -3 -2 -1 0 1 2
Log10[Tested articles](ug/mL)
KB-1214-MCLA129-METV2-hIgG1
IgG1 Isotype
KC-0412 MKN45 cell line
MFI
15000
10000
5000
0
-4 -3 -2 -1 0 1 2
Log10[Tested articles](ug/mL)
KD-23-0480 15H1Y1C
mIgG1-Isotype

图 8

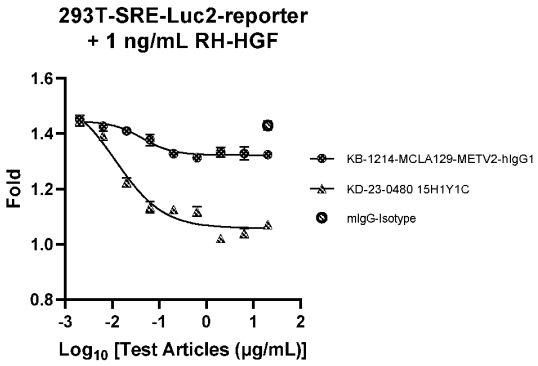

293T-SRE-Luc2-reporter
+ 1 ng/mL RH-HGF
Fold
1.6
1.4
1.2
1.0
0.8
-3 -2 -1 0 1 2
Log10 [Test Articles (μg/mL)]
KB-1214-MCLA129-METV2-hIgG1
KD-23-0480 15H1Y1C
mIgG-Isotype

图 9

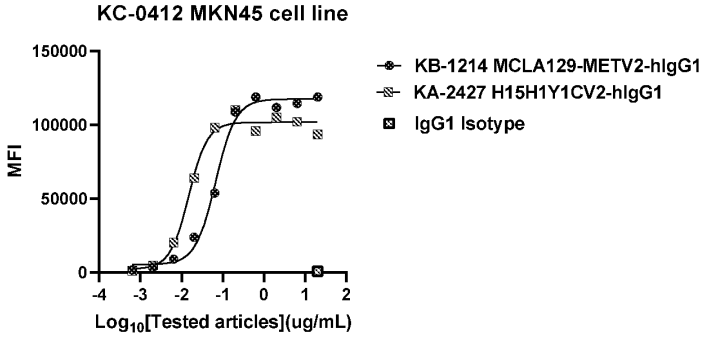

KC-0412 MKN45 cell line
MFI
150000
100000
50000
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](ug/mL)
KB-1214 MCLA129-METV2-hIgG1
KA-2427 H15H1Y1CV2-hIgG1
IgG1 Isotype

图 10

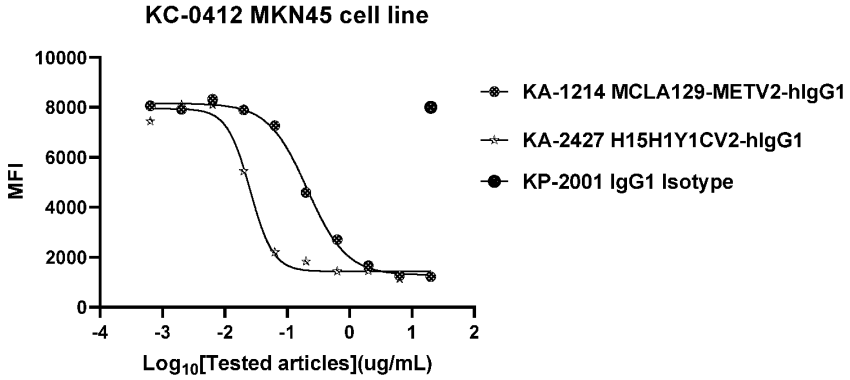

KC-0412 MKN45 cell line
MFI
10000
8000
6000
4000
2000
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](ug/mL)
KA-1214 MCLA129-METV2-hIgG1
KA-2427 H15H1Y1CV2-hIgG1
KP-2001 IgG1 Isotype

图 11

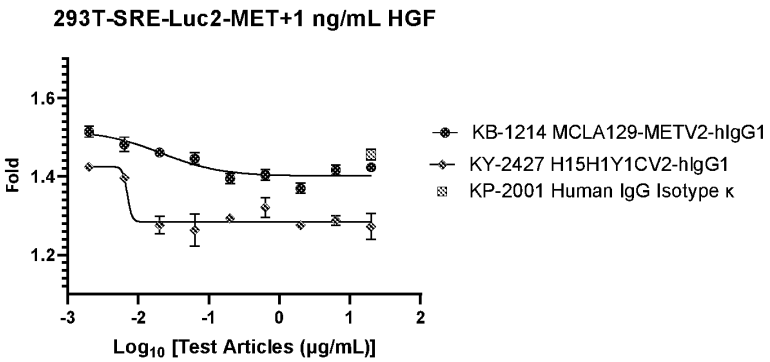

293T-SRE-Luc2-MET+1 ng/mL HGF
Fold
1.6
1.4
1.2
-3
-2
-1
0
1
2
Log10 [Test Articles (μg/mL)]
KB-1214 MCLA129-METV2-hIgG1
KY-2427 H15H1Y1CV2-hIgG1
KP-2001 Human IgG Isotype κ

图 12

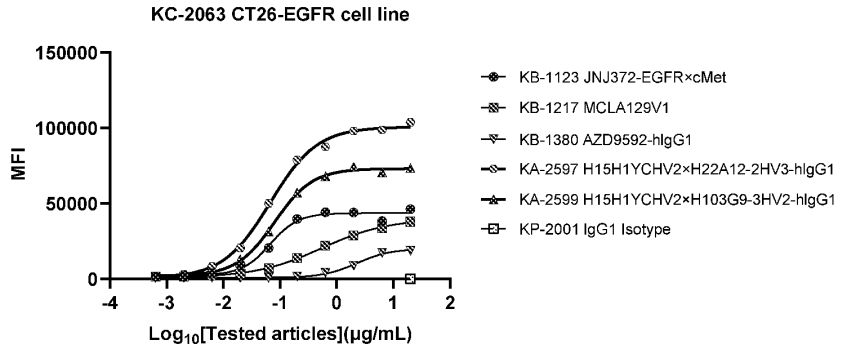

KC-2063 CT26-EGFR cell line
MFI
150000
100000
50000
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](μg/mL)
KB-1123 JNJ372-EGFR×cMet
KB-1217 MCLA129V1
KB-1380 AZD9592-hIgG1
KA-2597 H15H1YCHV2×H22A12-2HV3-hIgG1
KA-2599 H15H1YCHV2×H103G9-3HV2-hIgG1
KP-2001 IgG1 Isotype

图 13

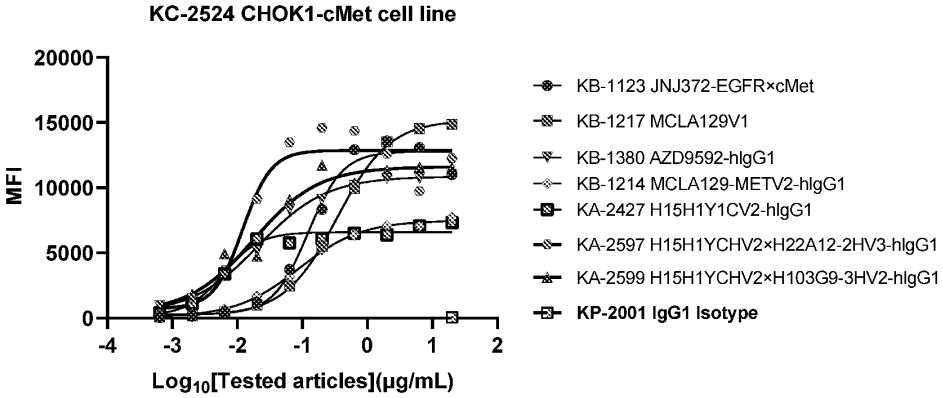

KC-2524 CHOK1-cMet cell line
MFI
20000
15000
10000
5000
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](μg/mL)
KB-1123 JNJ372-EGFR×cMet
KB-1217 MCLA129V1
KB-1380 AZD9592-hIgG1
KB-1214 MCLA129-METV2-hIgG1
KA-2427 H15H1Y1CV2-hIgG1
KA-2597 H15H1YCHV2×H22A12-2HV3-hIgG1
KA-2599 H15H1YCHV2×H103G9-3HV2-hIgG1
KP-2001 IgG1 Isotype

图 14

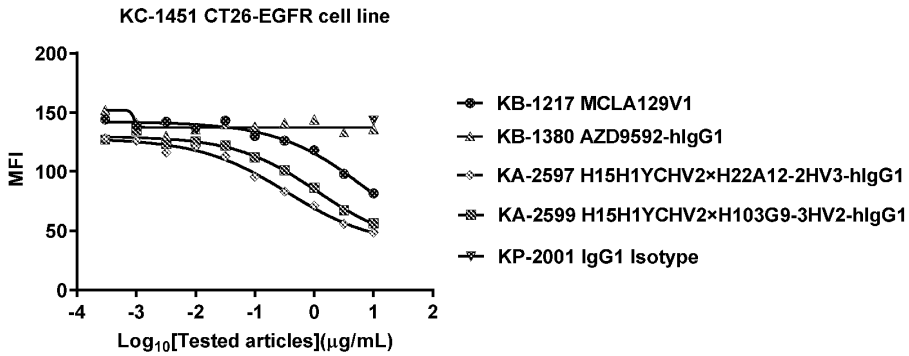

KC-1451 CT26-EGFR cell line
MFI
200
150
100
50
0
-4
-3
-2
-1
0
1
2
Log10[Tested articles](μg/mL)
KB-1217 MCLA129V1
KB-1380 AZD9592-hIgG1
KA-2597 H15H1YCHV2×H22A12-2HV3-hIgG1
KA-2599 H15H1YCHV2×H103G9-3HV2-hIgG1
KP-2001 IgG1 Isotype

图 15

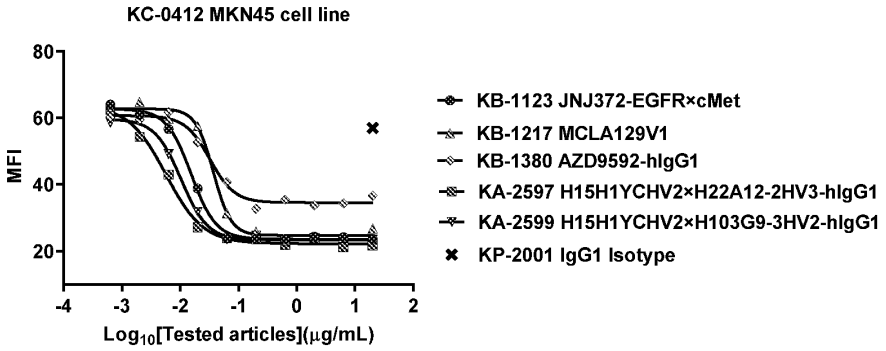

KC-0412 MKN45 cell line
MFI
80
60
40
20
-4
-3
-2
-1
0
1
2
Log10[Tested articles](μg/mL)
KB-1123 JNJ372-EGFR×cMet
KB-1217 MCLA129V1
KB-1380 AZD9592-hIgG1
KA-2597 H15H1YCHV2×H22A12-2HV3-hIgG1
KA-2599 H15H1YCHV2×H103G9-3HV2-hIgG1
KP-2001 IgG1 Isotype

图 16

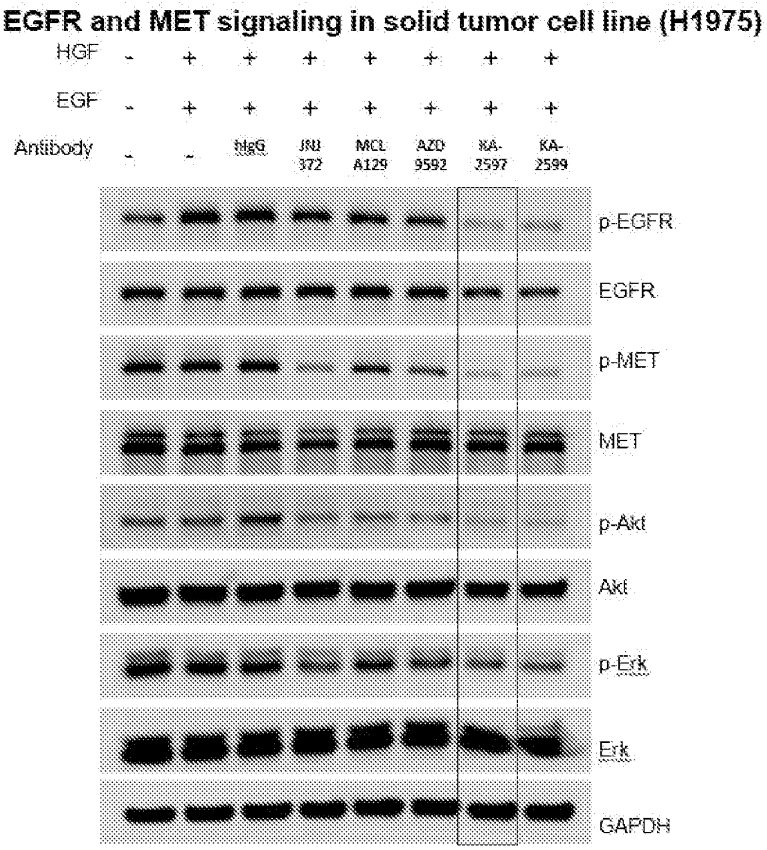

EGFR and MET signaling in solid tumor cell line (H1975)
HGF
EGF
Antibody
hIgG
JNJ 372
MCL A129
AZD 9592
KA- 2597
KA- 2599
p-EGFR
EGFR
p-MET
MET
p-Akt
Akt
p-Erk
Erk
GAPDH

图 17

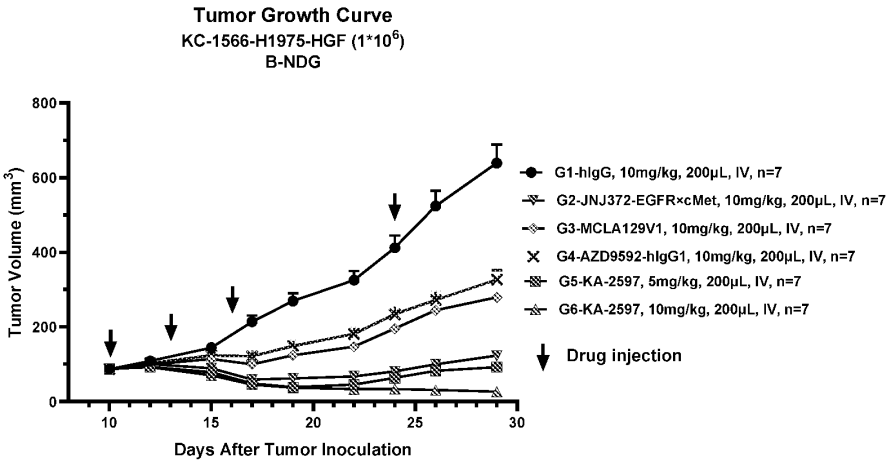

Tumor Growth Curve
KC-1566-H1975-HGF (1*10^6)
B-NDG
Tumor Volume (mm^3)
800
600
400
200
0
10
15
20
25
30
Days After Tumor Inoculation
G1-hIgG, 10mg/kg, 200μL, IV, n=7
G2-JNJ372-EGFR×cMet, 10mg/kg, 200μL, IV, n=7
G3-MCLA129V1, 10mg/kg, 200μL, IV, n=7
G4-AZD9592-hIgG1, 10mg/kg, 200μL, IV, n=7
G5-KA-2597, 5mg/kg, 200μL, IV, n=7
G6-KA-2597, 10mg/kg, 200μL, IV, n=7
Drug injection

图 18