

b

Protein View
 Match to: **IPI00018274** Score: **153**
 Tax_Id=9606 Gene Symbol=Epidermal growth factor receptor (EGFR)
 Nominal mass (M_r): **134190**; Calculated pI value: **6.26**

Variable modifications: Carbamidomethyl (C), Deamidated (NQ)
 Cleavage by Trypsin: cuts C-term side of KR unless next residue is P
 Sequence Coverage: **9%**

| Start - End | Observed | Mr(expt) | Mr(calc) | ppm | Miss Sequence |
|-------------|----------|-----------|-----------|-----|---|
| 38 - 53 | 635.6735 | 1903.9987 | 1903.9792 | 10 | 0 K.LTQLGTFEDHFLSLQR.M (Ions score 12) |
| 99 - 108 | 604.8727 | 1207.7308 | 1207.7288 | 2 | 0 R.IPLENLQIIR.G (Ions score 30) |
| 99 - 108 | 604.8741 | 1207.7336 | 1207.7288 | 4 | 0 R.IPLENLQIIR.G (Ions score 38) |
| 213 - 222 | 596.7868 | 1191.5590 | 1191.5489 | 9 | 0 K.IICAQQCSGR.C 2 Carbamidomethyl (C) (Ions score 48) |
| 227 - 244 | 678.9286 | 2033.7640 | 2033.7561 | 4 | 0 K.SPDCCHNQCAAGCTGPR.E 4 Carbamidomethyl (C) (Ions score 57) |
| 227 - 244 | 678.9299 | 2033.7679 | 2033.7561 | 6 | 0 K.SPDCCHNQCAAGCTGPR.E 4 Carbamidomethyl (C) (Ions score 49) |
| 298 - 309 | 469.5568 | 1405.6486 | 1405.6409 | 5 | 0 R.NYVVTDHGSCVR.A Carbamidomethyl (C) (Ions score 3) |
| 378 - 396 | 708.3656 | 2122.0750 | 2122.0583 | 8 | 0 R.GDSFTHTPPLDPQELDILK.T (Ions score 48) |
| 740 - 745 | 320.7241 | 639.4336 | 639.4319 | 3 | 0 K.IPVAIK.E (Ions score 5) |
| 1100 - 1121 | 600.5688 | 2398.2461 | 2398.2254 | 9 | 0 K.RPAGSVQMPVYHNQPLNPAPSR.D (Ions score 14) |

Peptide View

MS/MS Fragmentation of **SPSDCCHNQCAAGCTGPR**

Found in **IPI00018274**, Gene Symbol=EGFR Isoform 1 of Epidermal growth factor receptor
 Match to Query 4185: 2033.763972 from(678.928600,3+)

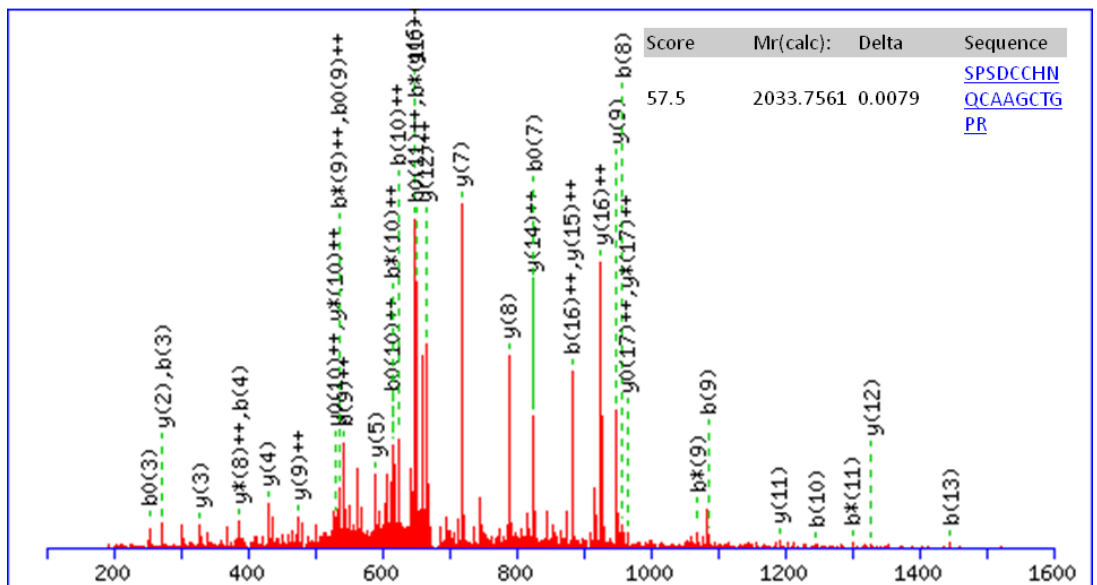


Figure.S1

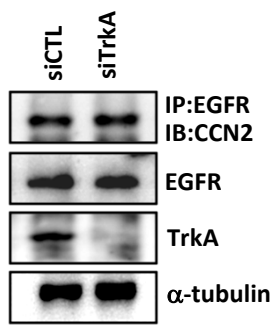


Figure.S2

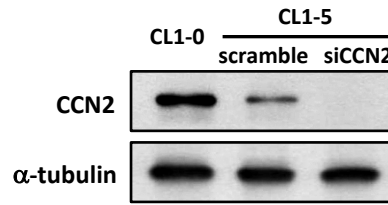
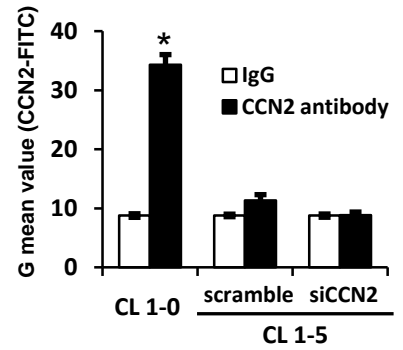
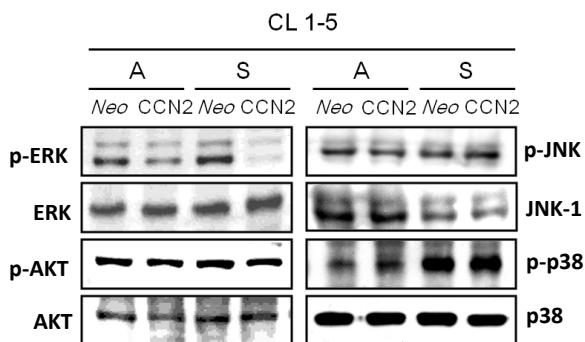


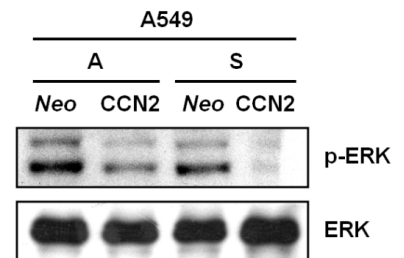
Figure.S3



a



b



c

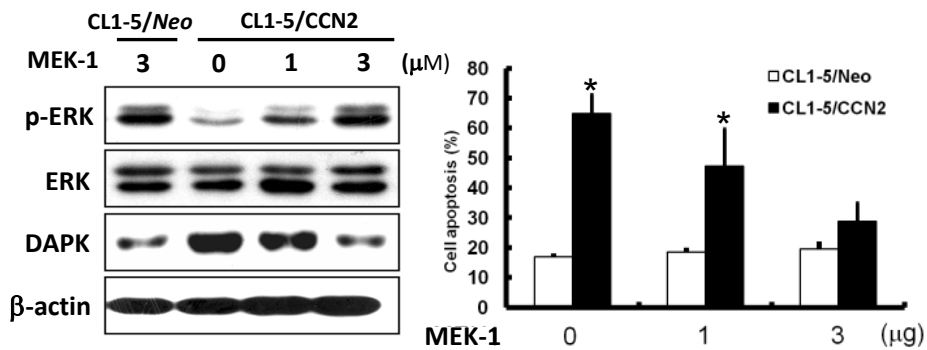


Figure.S4

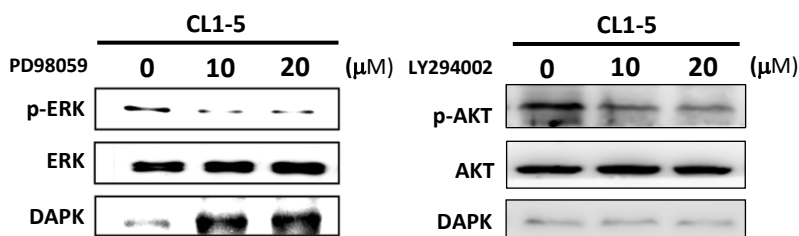


Figure.S5

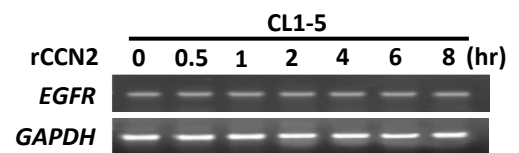


Figure.S6

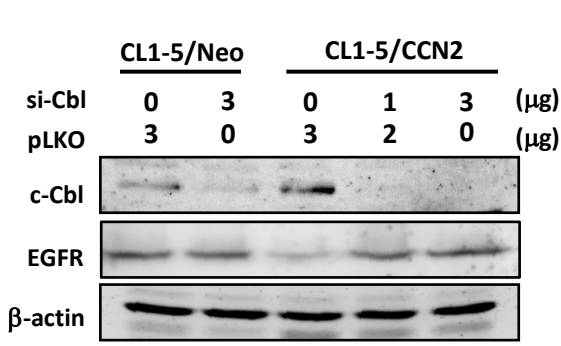


Figure.S7

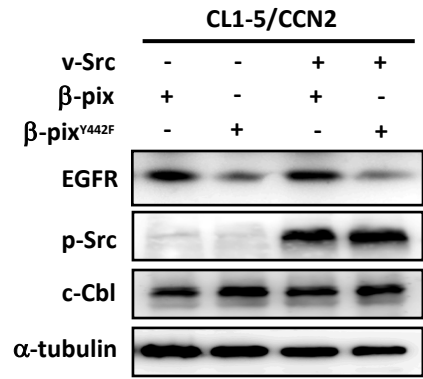


Figure.S8

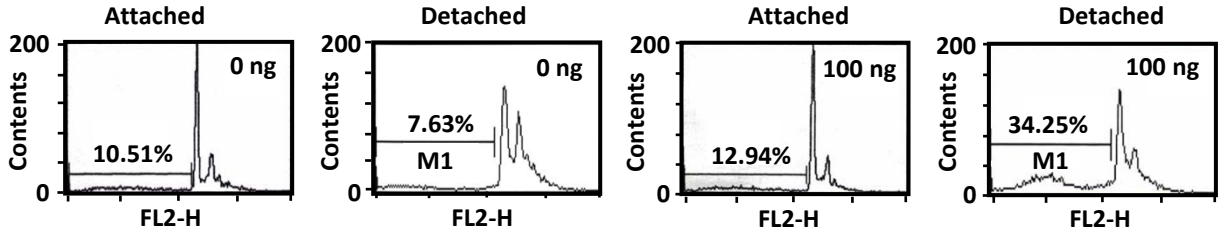


Figure.S9

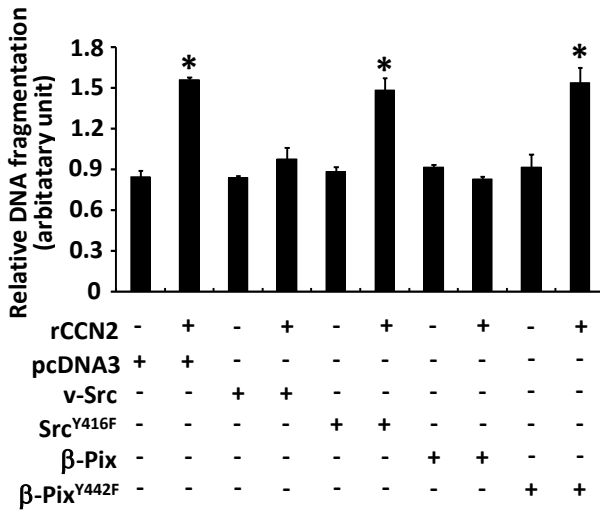


Figure.S10

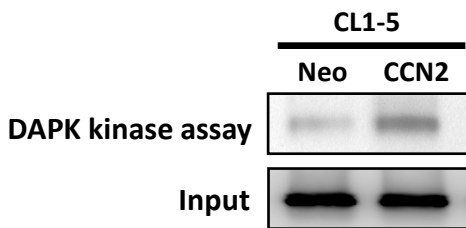


Figure.S12

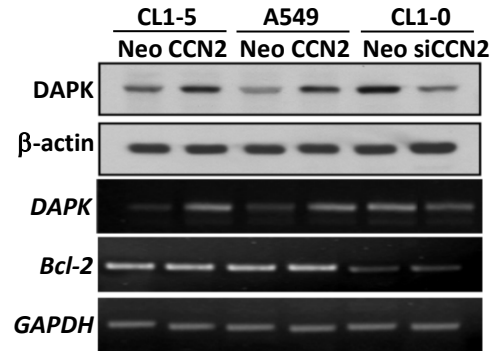


Figure.S11

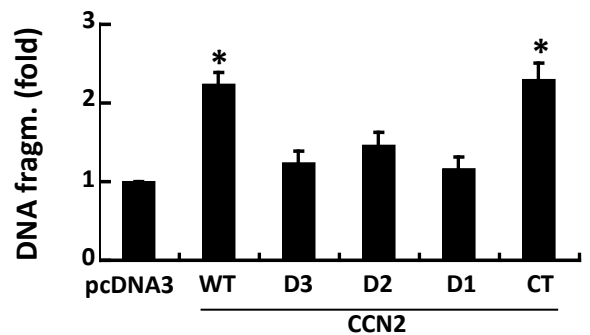


Figure.S13

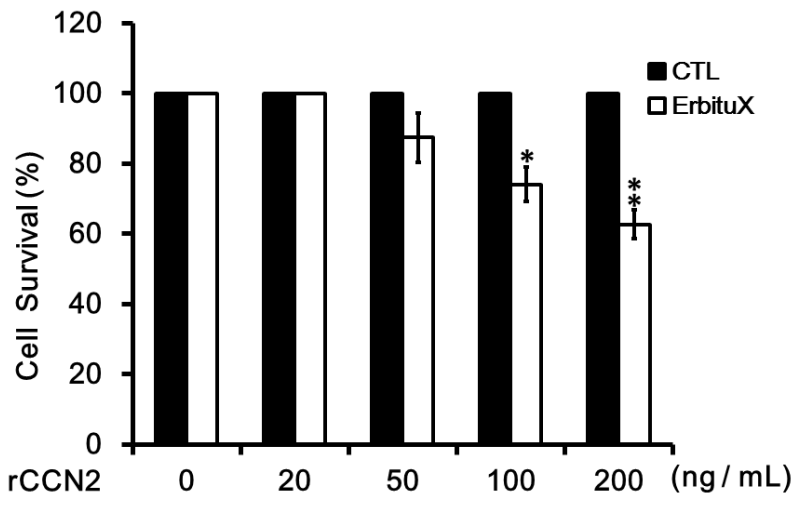


Figure.S14