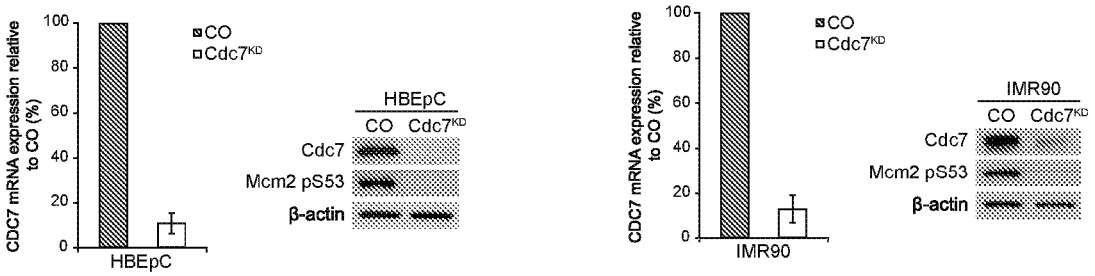
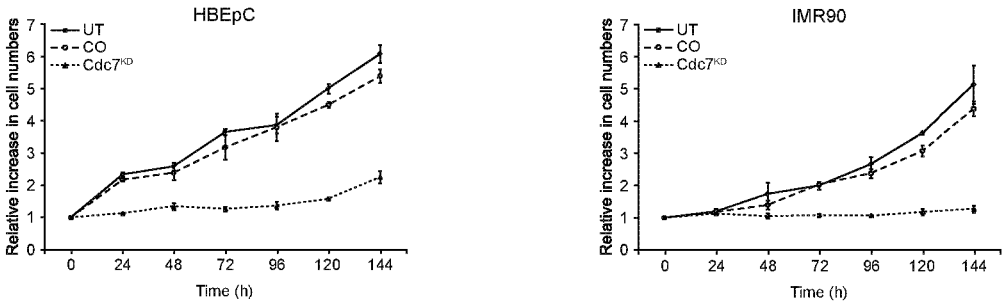
Figure 1

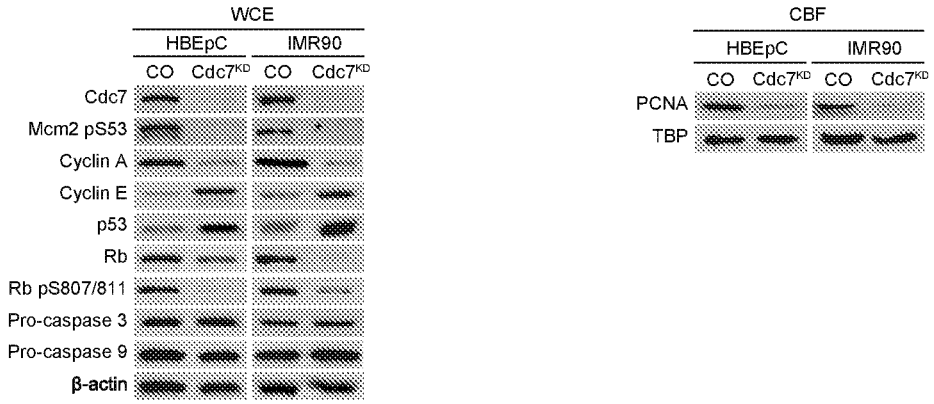
A


CDC7 mRNA expression relative to CO (%)
100
80
60
40
20
0
CO
Cdc7KD
HBEpC
HBEpC
CO Cdc7KD
Cdc7
Mcm2 pS53
β-actin
CDC7 mRNA expression relative to CO (%)
IMR90
IMR90
CO Cdc7KD
Cdc7
Mcm2 pS53
β-actin

B


HBEpC
UT
CO
Cdc7KD
Relative increase in cell numbers
Time (h)
0 24 48 72 96 120 144
IMR90
UT
CO
Cdc7KD
Relative increase in cell numbers
Time (h)
0 24 48 72 96 120 144

C


WCE
HBEpC IMR90
CO Cdc7KD CO Cdc7KD
Cdc7
Mcm2 pS53
Cyclin A
Cyclin E
p53
Rb
Rb pS807/811
Pro-caspase 3
Pro-caspase 9
β-actin
CBF
HBEpC IMR90
CO Cdc7KD CO Cdc7KD
PCNA
TBP