

Fig. 2B Protein expressions of Dsg2 and Dsc2 in BC cell lines and non-tumorigenic human breast MCF10A cells, GAPDH as the loading control.

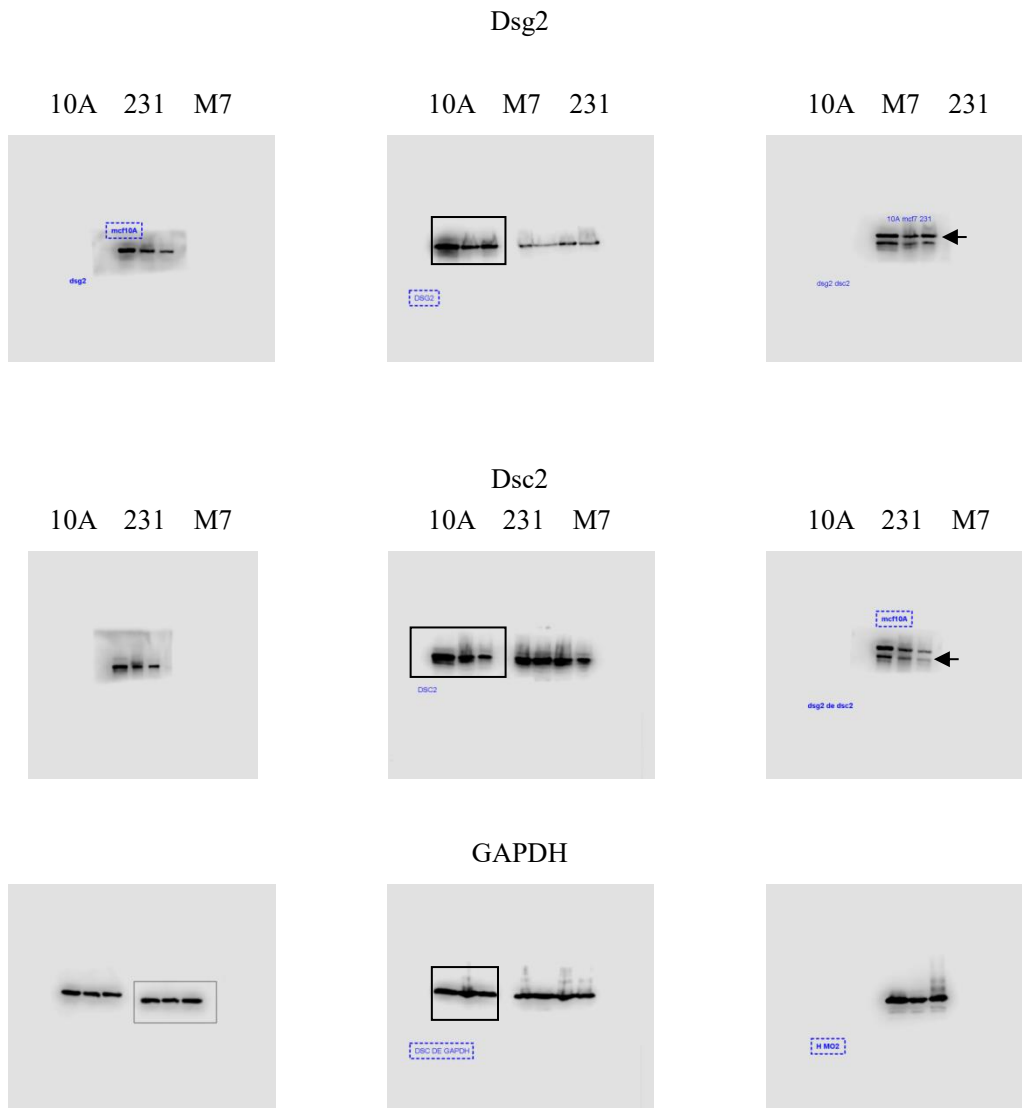


Fig. 3A The comparison of protein levels from four clones (#5, #6, #7 and#8) of shDsg2 and three clones (#31, #32 and#33) of shDsc2 with their controls (shControl1 and shControl2) in MDA-MB-231 cells and MCF-7 cells by western blot, respectively.

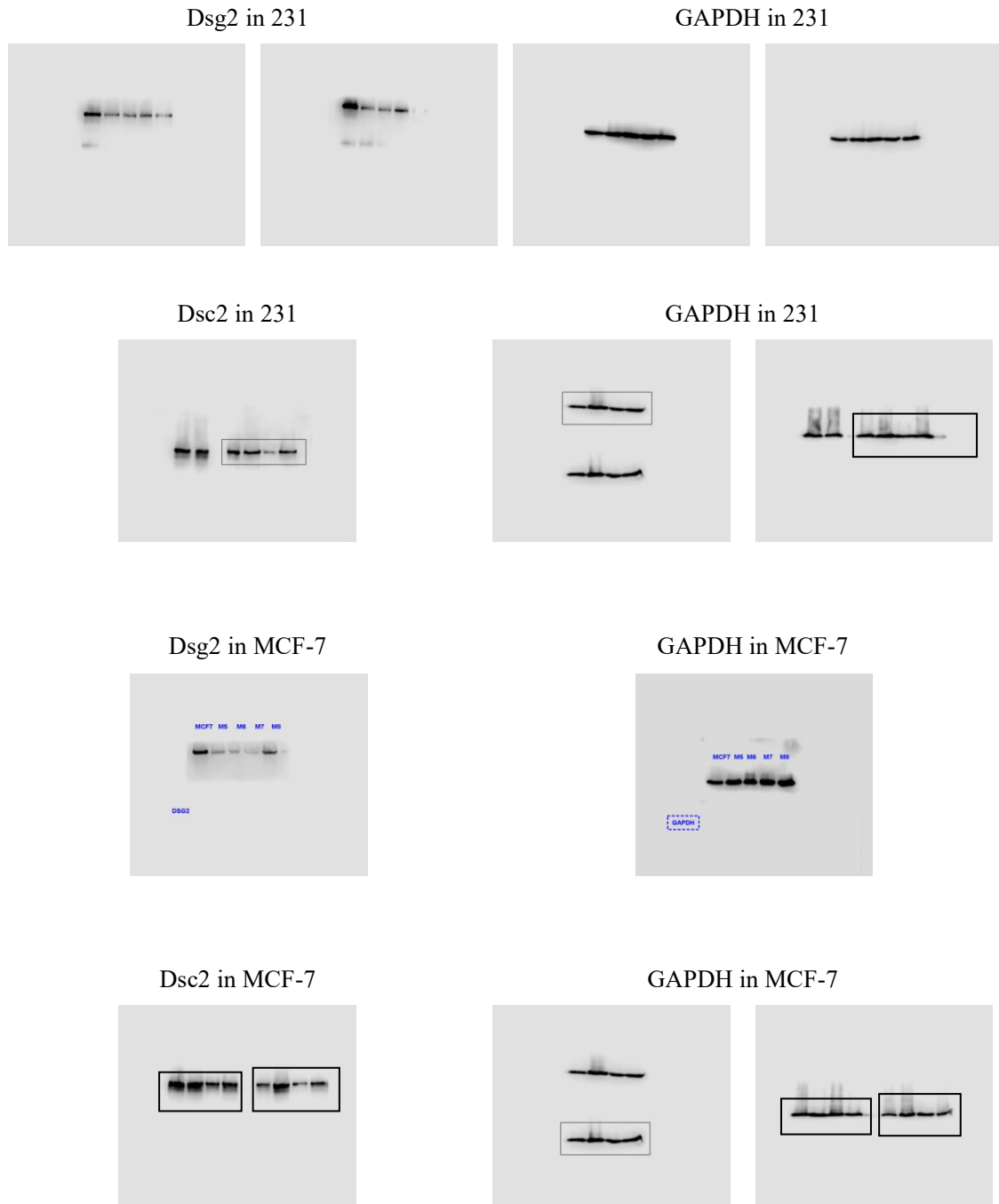
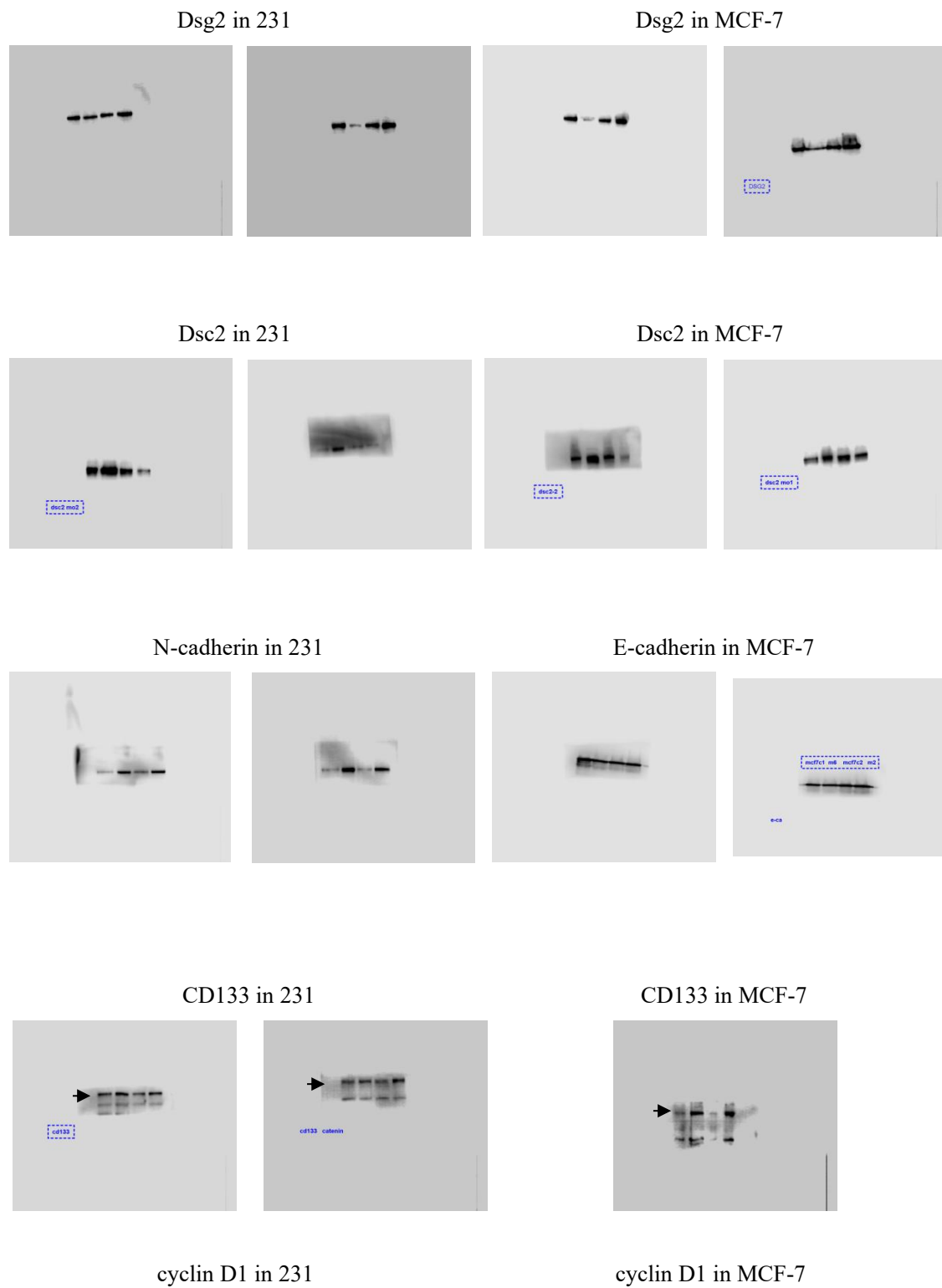
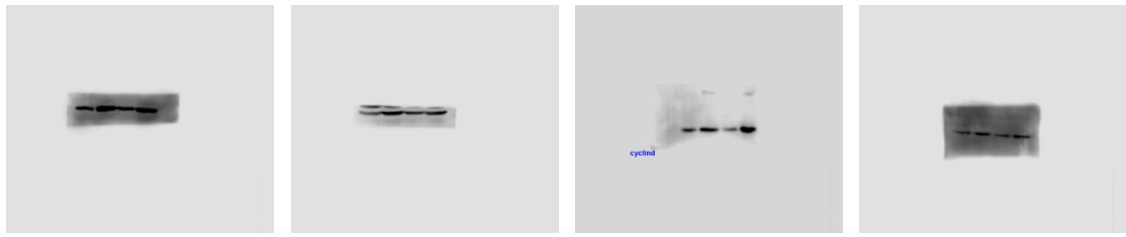


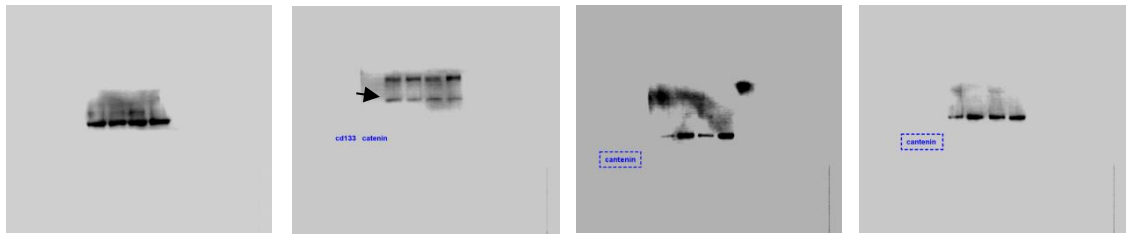
Fig. 6A The expressions of function-associated proteins were determined in shDsg2 and shDsc2 BC cells by western blot





β -catenin in 231

β -catenin in MCF-7



GAPDH in 231

GAPDH in MCF-7

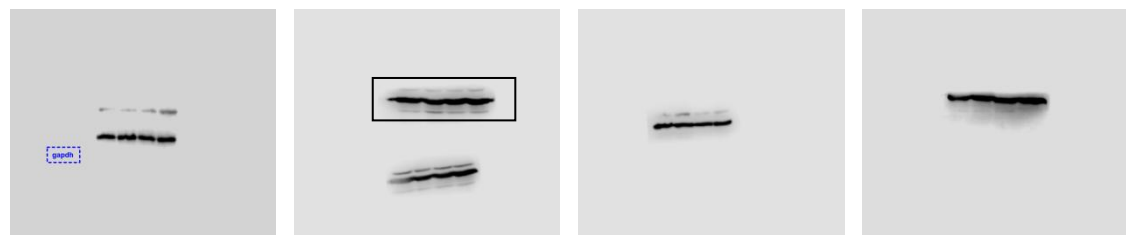
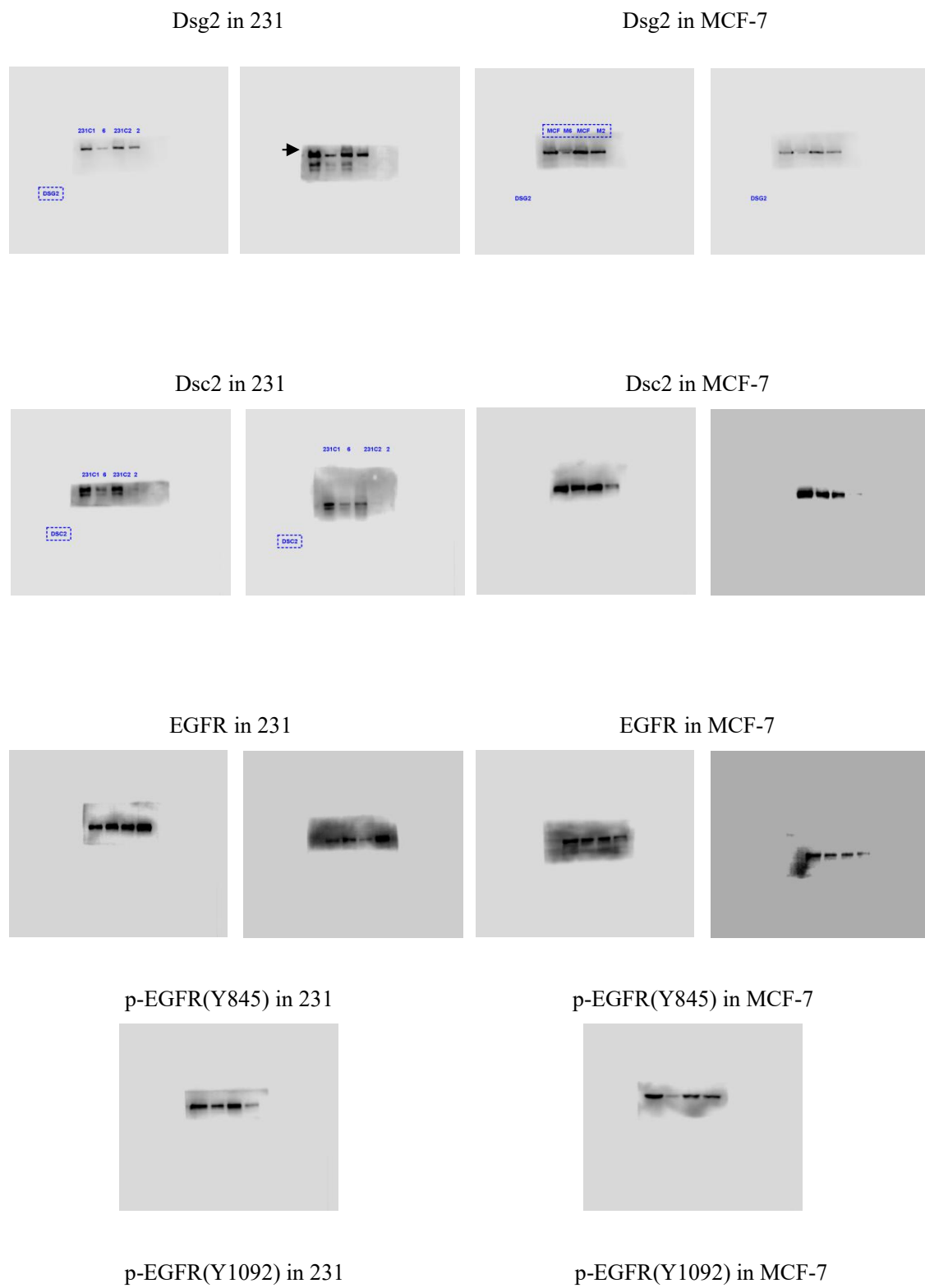
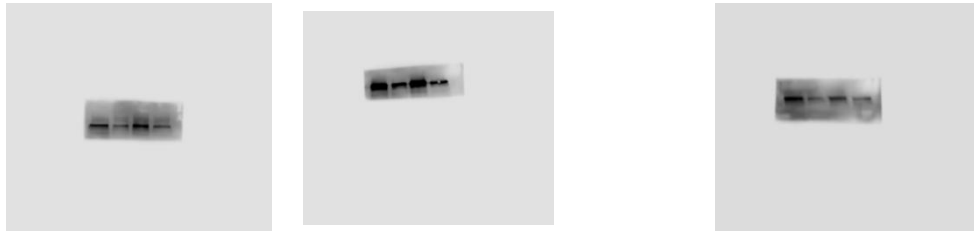


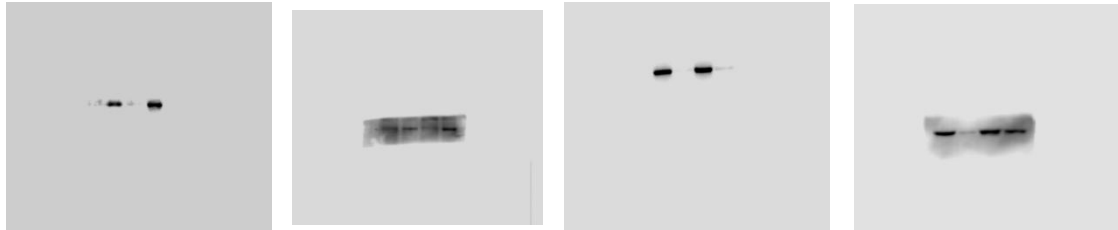
Fig. 6B The expressions of pathway-associated proteins were determined in shDsg2 and shDsc2 BC cells by western blot





p-AKT(S473) in 231

p-AKT(S473) in MCF-7



p-ERK(T202/Y204) in 231



p-ERK(T202/Y204) in MCF-7



GAPDH in 231

GAPDH in MCF-7

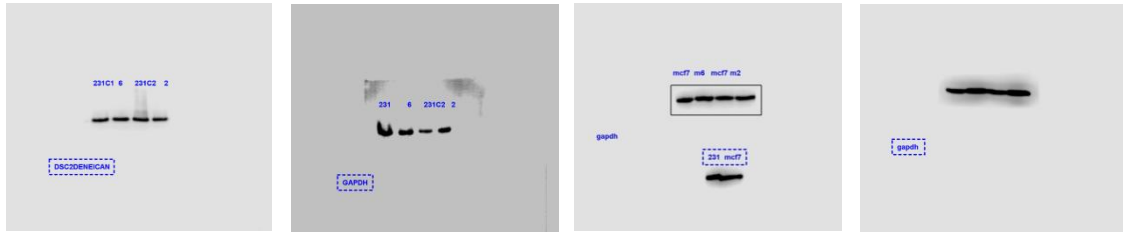
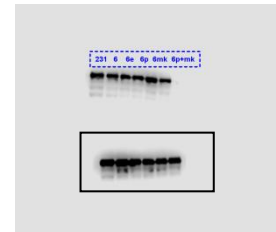
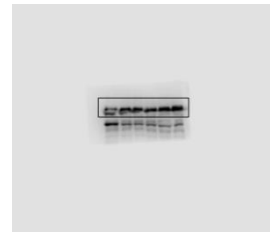


Fig. 7C Western blot analysis of p-AKT and p-ERK expression in response to MK2206 and PD98059 treatment in shDsg2 and shDsc2 MDA-MB-231 cells.

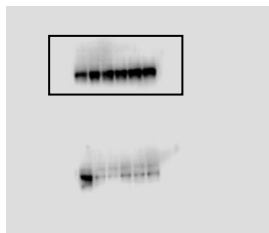
Dsg2 in shDsg2 231 cells



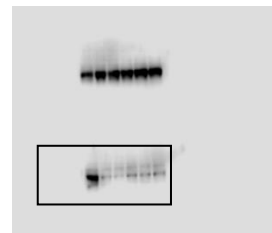
Dsg2 in shDsc2 231 cells



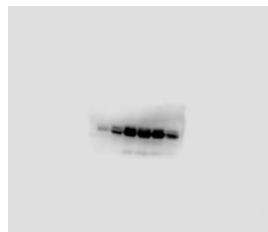
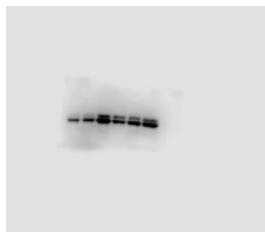
Dsc2 in shDsg2 231 cells



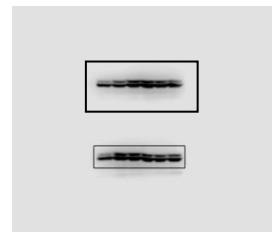
Dsc2 in shDsc2 231 cells



p-ERK in shDsg2 231 cells

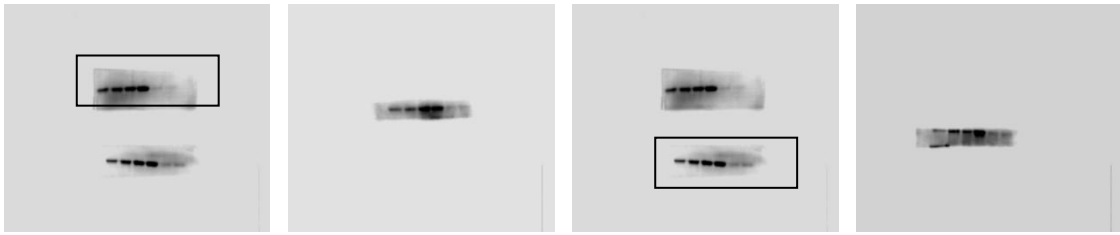


p-ERK in shDsc2 231 cells



p-AKT in shDsg2 231 cells

p-AKT in shDsc2 231 cells



GAPDH in shDsg2 231 cells

GAPDH in shDsc2 231 cells

