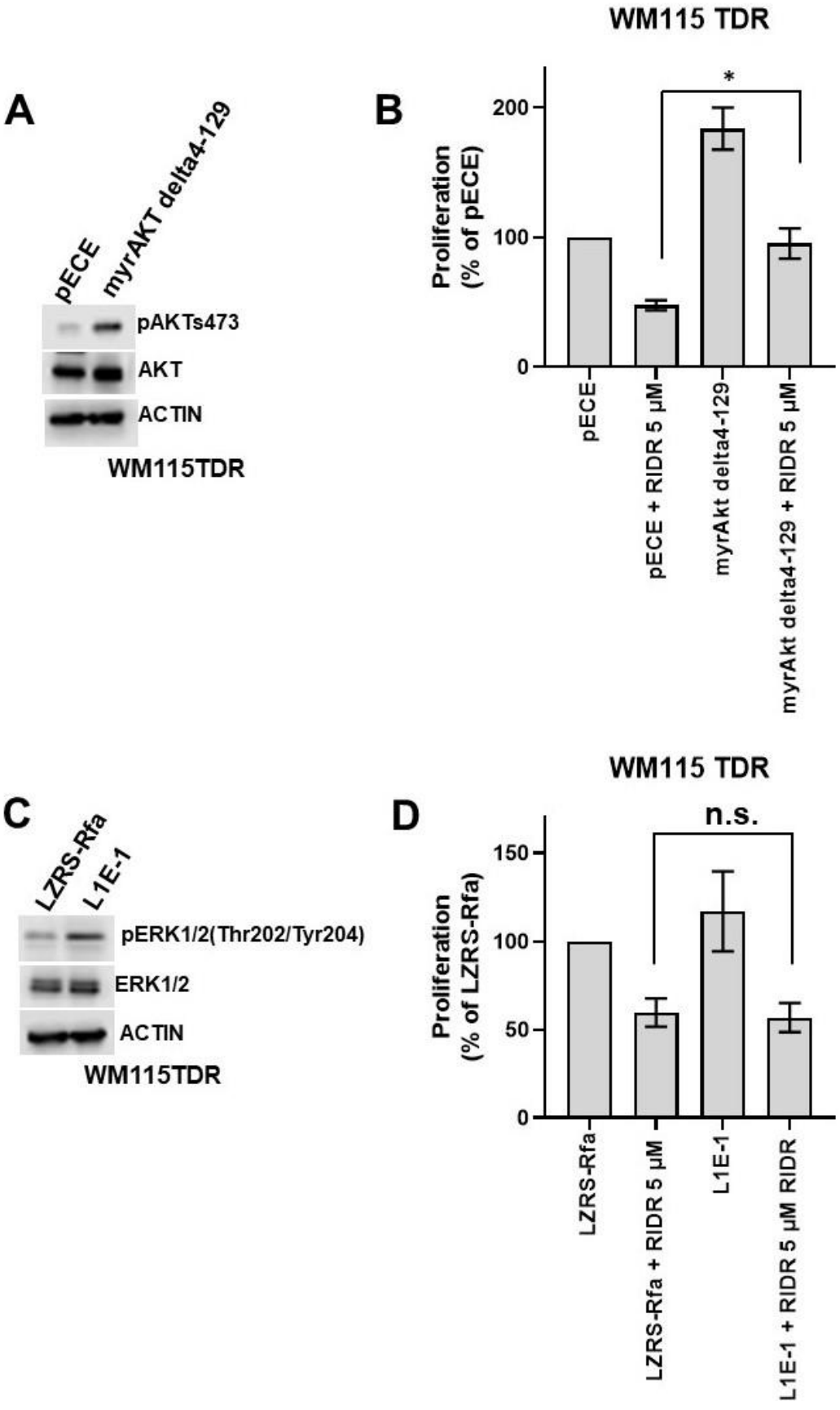
Figure S5. Constitutive expression of AKT but not MEK rescue inhibitory effect induced by RIDR-PI103 in WM115 TDR cell line. (A) WM115TDR cells were transfected with pECE and myrAKT delta4-129 for 48 hours and analyzed for p-AKT and AKT levels. Actin served as the loading control. (B) WM115TDR cells were transfected with pECE and myrAKT delta4-129 for 24 hours and treated with RIDR-PI103 for 24 hours and MTT reading was captured. The bar graphs are represented as mean. Error bars: SEM. $^{*}P<0.05$ as indicated (one-way ANOVA followed by Tukey's test for post hoc analysis). (C) WM115TDR cells were transfected with LZRS-Rfa and L1E-1 for 48 hours and analyzed for p-ERK1/2 and ERK1/2 levels. Actin served as the loading control. (D) WM115TDR cells were transfected with LZRS-Rfa and L1E-1 for 24 hours and treated with RIDR-PI103 for 24 hours, MTT reading was taken and data represented as mean. Error bars: SEM. n.s. (not significant) as indicated (one-way ANOVA followed by Tukey's test for post hoc analysis).


A
pECE
myrAKT delta4-129
pAKTs473
AKT
ACTIN
WM115TDR
B
WM115 TDR
Proliferation (% of pECE)
200
100
0
*
pECE
pECE + RIDR 5 µM
myrAkt delta4-129
myrAkt delta4-129 + RIDR 5 µM
C
LZRS-Rfa
L1E-1
pERK1/2(Thr202/Tyr204)
ERK1/2
ACTIN
WM115TDR
D
WM115 TDR
n.s.
Proliferation (% of LZRS-Rfa)
150
100
50
0
LZRS-Rfa
LZRS-Rfa + RIDR 5 µM
L1E-1
L1E-1 + RIDR 5 µM RIDR