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Rapalink-1 Targets Glioblastoma Stem Cells and Acts Synergistically with Tumor Treating Fields to Reduce Resistance against Temozolomide

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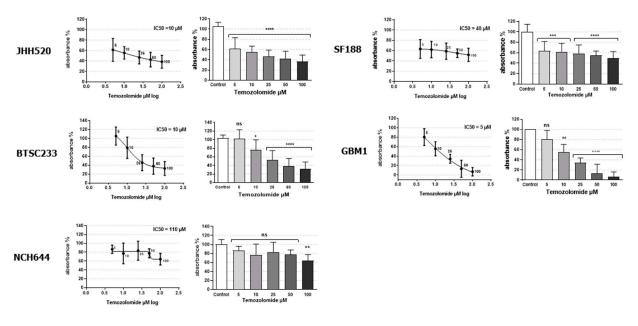
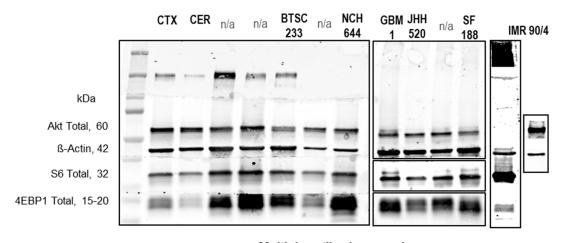


Figure S1. TMZ cell growth and IC50.

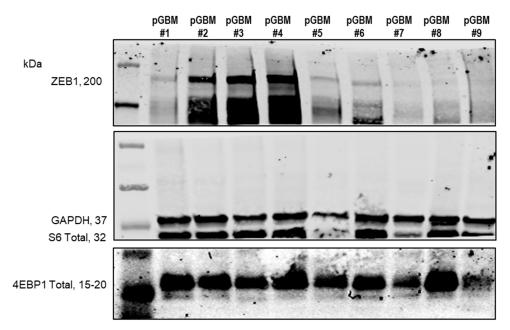


Multiple antibody screening

Immuno Blots visually analyzed before testing drug.

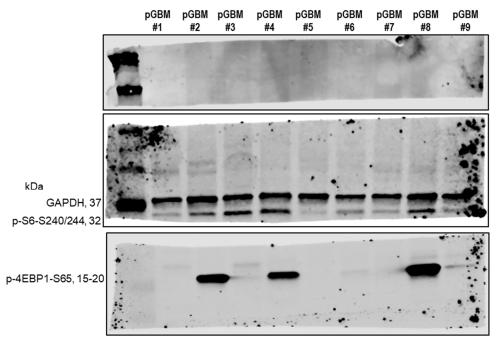
Part of the Figure 1(b)

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ex vivo tissue samples. Total Proteins.

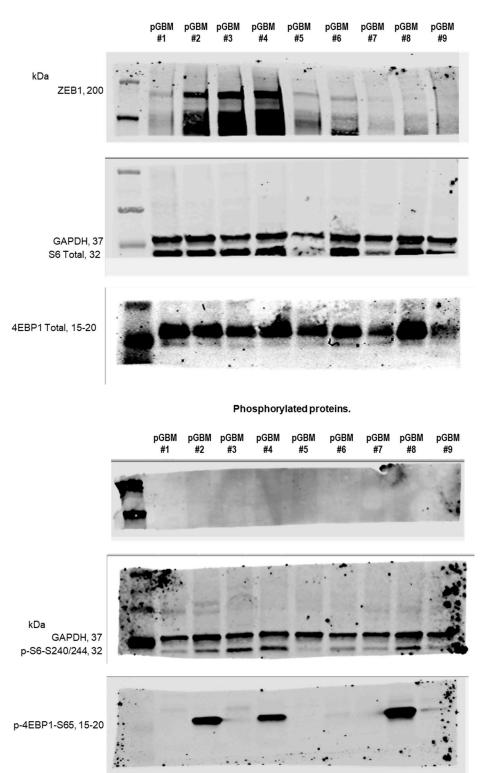
Part of the Figure 5(e)



ex vivo tissue samples. Phosphorylated proteins.

Part of the Figure 5(e)

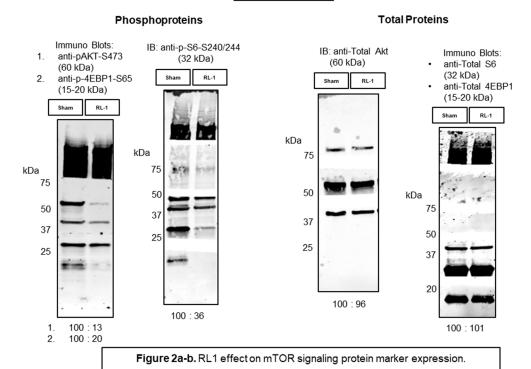
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JHH520

JHH520 cell line



JHH520 cell line

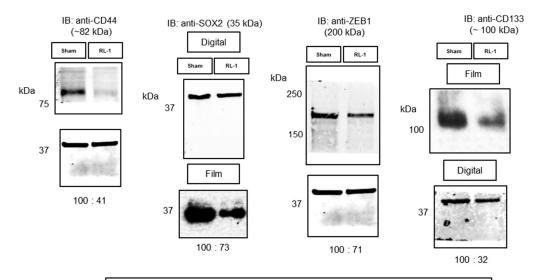


Figure 4a. RL1 effect on stemness and EMT protein marker expression.

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BTSC233

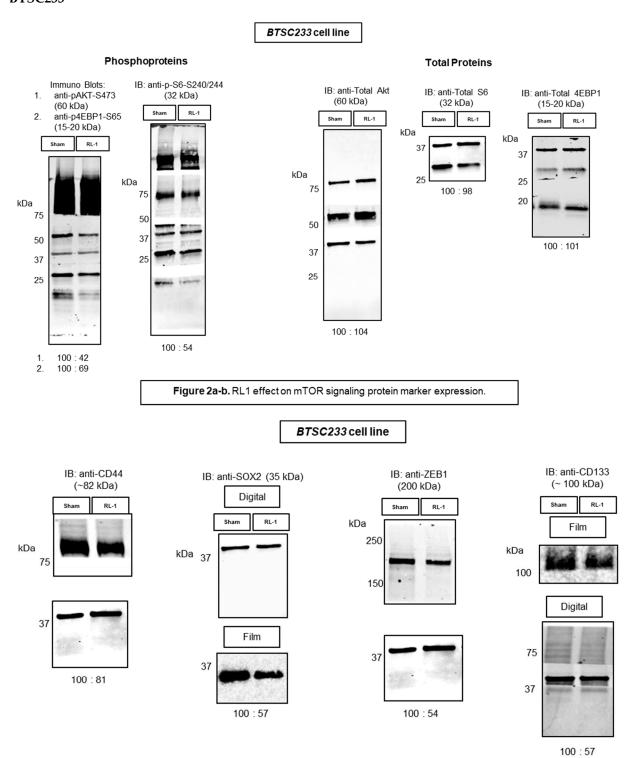


Figure 4a. RL1 effect on stemness and EMT protein marker expression.

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NCH644

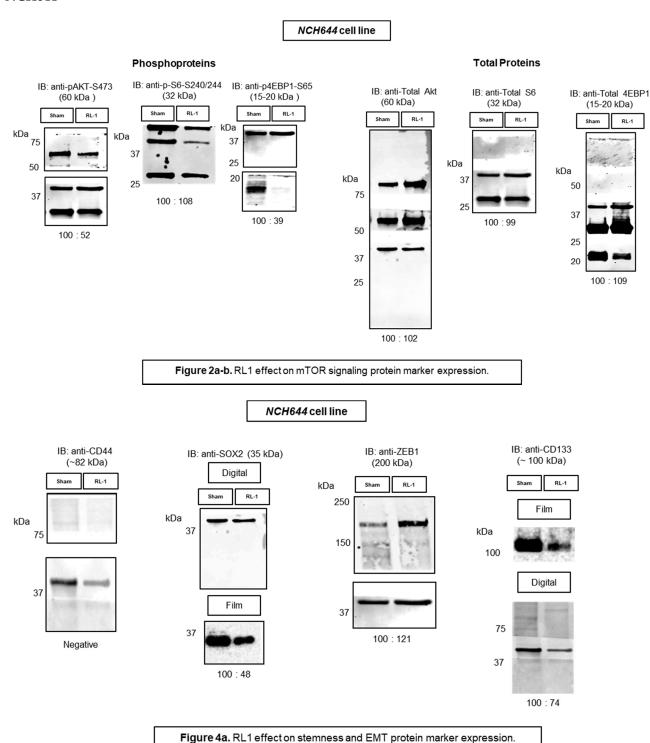


Figure S2. Western blots membranes.

Relevant Notes: All bands were scanned digitally except otherwise written. Separate images were membranes that were cut physically before processing. Immuno Blots for the Screening of Figure 1b, were visually analysed without quantification before testing the drug (RL1). Quantified upon demand. Molecular weight estimation markers, performed with Precision Plus Protein $^{\text{TM}}$ Dual Color Standards, 500 μ l # 1610374.

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Table S1. Western blot antibody information.

Antibody	MW (kDa)	Brand	Catalog Number	Concentration
p-4EBP1-S65	15-20	Cell Signaling Technology, Danvers, MA, USA	#9451	1:500
Total 4EBP1	15-20		#9644	1:1000
p-S6-S240/244	32		#2215	1:2000
Total S6	32		#2217	1:2000
p-Akt-S473	60		#9271	1:250
Total Akt	60		#4691	1:1000
Sox2	35		#L1D6A2	1:1000
β-Actin	42		#4970	1:5000
CD44	~82		#3570	1:100
ZEB1	200	Sigma	#HPA027524	1:2000
CD133	~100	Miltenyi, Germany	#W6B3C1	1:100
GAPDH	~37	Proteintech	#60004-1-Ig	1:10000



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