

# Supplementary Material: Combined Treatment with MEK and mTOR Inhibitors is Effective in In Vitro and In Vivo Models of Hepatocellular Carcinoma

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**Table 1.** Immunohistochemistry and Western blotting antibody information.

Antibody	Company	Catalog number	Hosts of antibodies	Species Reactivity	Class	Dilution	Method
Ki67	Thermo Scientific	MA5-14520	Rabbit	H	Monoclonal	1:100	IHC
Cleaved-caspase-3	Cell Signaling Technology	9664	Rabbit	H, M, R, Mk	Monoclonal	1:500	IHC
AKT	Cell Signaling Technology	9272	Rabbit	H, M, R, Hm, Mk, C, Dm, B, Dg, Pg, GP	Polyclonal	1:1000	WB
Phospho-AKT <sup>S473</sup>	Cell Signaling Technology	3787	Rabbit	H, M	Monoclonal	1:1000	WB
Phospho-mTOR	Cell Signaling Technology	2971	Rabbit	H, M, R, Mk	Polyclonal	1:1000	WB
T-mTOR	Cell Signaling Technology	2983	Rabbit	H, M, R, Mk	Monoclonal	1:1000	WB
ERK	Cell Signaling Technology	9102	Rabbit	H, M, R, Hm, Mk, Mi, Z, B, Pg, Sc	Polyclonal	1:1000	WB
Phospho-ERK	Cell Signaling Technology	4370	Rabbit	H, M, R, Hm, Mk, Mi, Dm, Z, B, Dg, Pg, Sc	Monoclonal	1:1000	WB
S6	Cell Signaling Technology	2217	Rabbit	H, M, R, Mk	Monoclonal	1:1000	WB
Phospho-RPS6	Cell Signaling Technology	4858	Rabbit	H, M, R, Mk, Mi, Sc	Monoclonal	1:2000	WB
Phospho-4E-BP1	Cell Signaling Technology	2855	Rabbit	H, M, R, Mk, Dm	Monoclonal	1:1000	WB
Phospho-4E-BP1(S65)	Cell Signaling Technology	9451	Rabbit	H, M, R, Mk	Polyclonal	1:1000	WB

4E-BP1	Cell Signaling Technology	9644	Rabbit	H, M, R, Mk	Monoclonal	1:1000	WB
Phospho-elf4E	Cell Signaling Technology	9741	Rabbit	H, M, R, Mk	Polyclonal	1:1000	WB
c-Met	invitrogen	71-8000	Rabbit	H, M	Polyclonal	1:400	WB
p-Met	Cell Signaling Technology	3129	Rabbit	H, M, R	Monoclonal	1:1000	WB
Survivin	Cell Signaling Technology	2808	Rabbit	H, M, R	Monoclonal	1:1000	WB
PCNA	Cell Signaling Technology	2586	Mouse	H, M, R, Mk, B, Pg	Monoclonal	1:2000	WB
Cyclin A	Santa Cruz Biotechnology	SC-751	Rabbit	H, M, R	Polyclonal	1:200	WB
Cyclin B1	Santa Cruz Biotechnology	SC-245	Mouse	H, M, R	Monoclonal	1:750	WB
Cyclin D1	Cell Signaling Technology	2978	Rabbit	H, M, R	Monoclonal	1:10000	WB
Cyclin E	Biologend	630701	Rabbit	H, M, R	Monoclonal	1:200	WB
Cleaved-caspase3	Cell Signaling Technology	9664	Rabbit	H, M, R, Mk	Monoclonal	1:750	WB
Cleaved-caspase7	Cell Signaling Technology	8438	Rabbit	H, M, R	Monoclonal	1:750	WB
Bcl-2	Cell Signaling Technology	3498	Rabbit	H, M	Monoclonal	1:1000	WB
Bcl-xI	Cell Signaling Technology	2764	Rabbit	H, M, R, Mk	Monoclonal	1:1000	WB
Bim	Cell Signaling Technology	2933	Rabbit	H, M, R	Monoclonal	1:1000	WB
Mcl-1	Cell Signaling Technology	94296	Rabbit	H, M, R	Monoclonal	1:1000	WB
LC-3(A/B)	Cell Signaling Technology	12741	Rabbit	H, M, R	Monoclonal	1:1000	WB
$\beta$ -ACTIN	Sigma-Aldrich	A5441	Mouse	H, M, R	Monoclonal	1:4500	WB
GAPDH(D16H11)	Cell Signaling Technology	5174	Rabbit	H, M, R, Mk	Monoclonal	1:10000	WB

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Abbreviations: H, Human; M, Mouse; R, Rat; Ha, Hamster; Mk, Monkey; C, Chicken; Dm, D. melanogaster; B, Bovine; Dg, Dog; Pg, Pig; GP, Guinea Pig.