

A

Each antibody is spotted in duplicate vertically		A	B	C	D	E	F	G	H
	1	POS	POS	NEG	NEG	Akt (P-S473)	CREB (P-S133)	ERK1 (P-T202/Y204) ERK2 (P-Y185/Y187)	GSK3a (P-S21)
	2								
	3	GSK3b (P-S9)	HSP27 (P-S82)	JNK (P-T183)	MEK (P-S217/221)	MKK3 (P-S189)	MKK6 (P-S207)	MSK2 (P-S360)	mTOR (P-S2448)
	4								
	5	p38 (P-T180/Y182)	P53 (P-S15)	P70S6K (P-T421/S424)	RSK1 (P-S380)	RSK2 (P-S386)	NEG	NEG	POS
6									

B

Upregulated Markers	Fold Change
MSK2	1.517
P53	1.560
GSK3a	1.593
mTOR	1.648
P70S6k	1.648
HSP27	1.650
GSK3b	1.752
P38	1.760
MKK3	1.771
RSK2	2.343