

Antibody Target	Functional Effect of Phosphorylation	Manufacturer	Catalog#	Antibody Dilution	Antibody Source	2nd Antibody dilution
Actin(beta)		Sigma	A5441	2000	mouse	20000
AKT		Cell Signaling	9272	250	Rabbit	15000
AKT-P308(Thr)	Activation	Cell Signaling	9275	250	Rabbit	15000
AKT-P473(Ser)	Activation	Cell Signaling	9271	250	Rabbit	15000
Bad		Cell Signaling	9292	100	Rabbit	15000
Bad-p112(Ser)	Inactivation	Cell Signaling	9291	100	Rabbit	15000
Bad-p136(Ser)	Inactivation	Cell Signaling	9295	100	Rabbit	15000
Bad-p155(Ser)	Inactivation	Cell Signaling	9297	100	Rabbit	15000
Bak		Cell Signaling	3792	100	Rabbit	15000
Bax		Cell Signaling	2772	200	Rabbit	15000
Bcl2		DAKO	M0887	500	mouse	15000
Bcl-XL		Cell Signaling	2762	200	Rabbit	15000
Catenin-beta		Cell Signaling	9562	250	Rabbit	15000
Cyclin D1(H295)	Activation	Santa Cruz	sc-753	600	Rabbit	15000
DJ1		Private-Andreeff		5000	Rabbit	15000
Erk2		Santa Cruz	Sc-154	10000	Rabbit	15000
pERK2 [MAPK-p42/44(Thr202/Tyr204)]	Activation	Cell Signaling	9101	1000-1500	Rabbit	15000
GSK3		santa Cruz	sc-7291	750	mouse	15000
GSK3a/B(p-ser21/9)	Inactivation	Cell Signaling	9331	200	Rabbit	15000
MCL1		BD pharmingen	559027	200	mouse	15000
MEK		Cell Signaling	9422	2000(1000)	Rabbit	15000
MEK(p-ser217/221)	Activation	Cell Signaling	9121	1000	Rabbit	15000
mTOR		Cell Signaling	2972	250	Rabbit	15000
mTOR(p-Ser2448)	Activation	Cell Signaling	2971	250	Rabbit	15000
Myc-C		Cell Signaling	9402	200-400	Rabbit	15000
NRP1		Santa Cruz	SC-5307	50(100)	mouse	20000(15000)
p27		Santa Cruz	sc-528	100	Rabbit	15000
p38-p-thr180/tyr182	Activation	Cell Signaling	9211	100	Rabbit	15000
p53		Cell Signaling	9282	3000	Rabbit	15000
p70S6K		Cell Signaling	9202	750	Rabbit	15000
p70S6K(p-thr389)	Activation	Cell Signaling	9205	250	Rabbit	15000
PKCa		Upstate	05-154	2000	mouse	20000
pKCa-p657(Ser)	Activation	Upstate	06-822	1000	Rabbit	20000
PTEN		Upstate	07-016	1000	Rabbit	15000
PTEN-p(380/382/383)	Inactivation	Cell Signaling	9554	400	Rabbit	15000
S6 Ribosomal		Cell Signaling	2212	250	Rabbit	15000

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protein						
S6 Ribosomal protein (phosphoser235/236)	Activation	Cell Signaling	2211	15000-20000	Rabbit	15000
S6 Ribosomal protein (phosphoser240/244)	Activation	Cell Signaling	2215	750-1000	Rabbit	15000
Smac/Diablo		Cell Signaling	2954	500	mouse	15000
Src		Upstate	05-184	600	mouse	15000
Src(phosphoty527)	Inactivation	Cell Signaling	2105	400	Rabbit	15000
SSBP2		Private-Nagarajan		1000	Rabbit	15000
SSBP3		Private-Nagarajan		250	Rabbit	15000
STAT1-p727(Ser)	Activation	Cell Signaling	9171	250	Rabbit	15000
STAT3		Upstate	06-596	200	Rabbit	15000
STAT3 p705(Tyr)	Activation	Cell Signaling	9131	500	Rabbit	15000
STAT3-p727(Ser)	Activation	Cell Signaling	9134	200	Rabbit	15000
STAT5-p694(Tyr)	Activation	Cell Signaling	9351	100	Rabbit	15000
Stat6(phosphoty641)		Cell Signaling	9361	100	Rabbit	15000
Survivin		Santa Cruz	sc-10811	1000	Rabbit	15000
XIAP		Cell Signaling	2042	100	Rabbit	15000

Total and phospho proteins are listed with the phosphorylated amino acid denoted by the corresponding number and amino acid after the protein name.

P= protein, p=phospho protein.