

Table S2

Modulator	Final Concentration	Treatment Duration	Manufacturer
Etoposide	30 µg/ml	24 hours	Sigma Aldrich (St Louis, MO)
FCS	1%	various	HyClone (Waltham, MA)
FLT3L	50 ng/ml	15 mins	eBiosciences (San Diego, CA)
G-CSF*	50 ng/ml	15 mins	R&D (Minneapolis, MN)
G-CSF*	50 ng/ml	15 mins	Pepro (Rocky Hill, NJ)
IFN α	10000 IU/ml	15 mins	Schering (Kenilworth, NJ)
IFN γ	5 ng/ml	15 mins	BD (San Jose, CA)
IL-10	25 ng/ml	15 mins	BD (San Jose, CA)
IL-27	50 ng/ml	15 mins	R&D (Minneapolis, MN)
IL-6	25 ng/ml	15 mins	R&D (Minneapolis, MN)
PMA	400 nM	15 mins	Sigma Aldrich (St Louis, MO)
SCF	20 ng/ml	15 mins	R&D (Minneapolis, MN)
SDF-1 α	2 ng/ml	3 mins	R&D (Minneapolis, MN)
Staurosporin	2.33 µg/ml	6 hours	Sigma Aldrich (St Louis, MO)
Thapsigargin	1 µM	15 mins	EMD Biosciences (Darmstadt, Germany)

Antibody	Species & Isotype	Manufacturer	Clone
CD33†	Mouse IgG ₁	BD (San Jose, CA)	P67.6
CD45	Mouse IgG ₁	Invitrogen (Carlsbad, CA)	HI30
c-Caspase 3	Rabbit IgG	BD (San Jose, CA)	C92-605
c-PARP(Asp214)	Mouse IgG ₁ , k	BD (San Jose, CA)	F21-852
Goat anti-rabbit secondary	Goat IgG	Invitrogen (Carlsbad, CA)	Polyclonal
p-Akt (S473)	Rabbit IgG	CST (Danvers, MA)	193H12
p-Chk2 (T68)	Rabbit IgG	CST (Danvers, MA)	Polyclonal
p-Erk 1/2 (T202/204)	Mouse IgG ₁	BD (San Jose, CA)	20A
p-S6 (S235/236)	Rabbit IgG	CST (Danvers, MA)	2F9
p-Stat1 (pY701)	Mouse IgG _{2a}	BD (San Jose, CA)	4a
p-Stat3 (pY705)	Mouse IgG _{2a} , k	BD (San Jose, CA)	4/p-Stat3
p-Stat5 (pY694)	Mouse IgG ₁	BD (San Jose, CA)	47
p-Stat6 (pY641)	Mouse IgG _{2a}	BD (San Jose, CA)	18/p-Stat6
Non-Antibody Stains	n/a	Manufacturer	n/a
Amine aqua viability dye	n/a	Invitrogen (Carlsbad, CA)	n/a
Streptavidin-Qdot 605	n/a	Invitrogen (Carlsbad, CA)	n/a

* Products displayed similar bioactivity