

Figure S1. IMiD compounds inhibit cell cycle in MM cells

MM.1S cells (1×10^6) were incubated with pomalidomide or lenalidomide for 3 days. DMSO 0.01% was used as control treatment. Cells were stained with PI (20 $\mu\text{g/mL}$). Cell cycle analysis was performed by flow cytometry. Treatment with pomalidomide or lenalidomide induced a dose-dependent accumulation of cells in G0/G1 phase (\square bars) and decreased the number of cells in S (\blacksquare bars) and G2/M phases (\boxtimes bars).

Figure S2. Pomalidomide has no effects on MM cell apoptosis

MM.1S cells (1×10^6) were incubated with pomalidomide or DMSO 0.01% for 1, 2 or 3 days. Flow cytometry was used to analyze the percentage of apoptotic cells, detected by Annexin V binding/ PI staining.

Figure S1

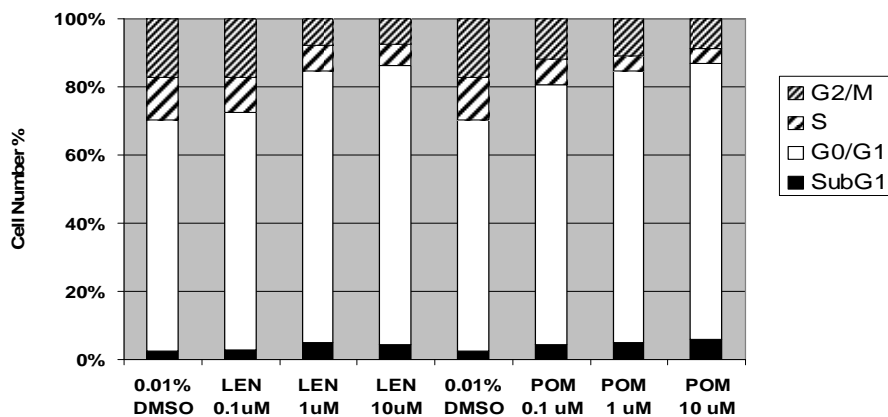


Figure S2

		DMSO	Pomalidomide				
			0.01uM	0.1uM	1uM	10uM	50uM
24H	PI+/Annexin V-	2.34±0.25	3.56±0.69	2.61±0.40	4.21±0.05	2.79±0.16	2.81±0.75
	PI+/Annexin V+	1.82±0.21	1.48±0.44	2.21±0.30	0.84±0.13	2.04±0.20	1.81±0.12
	PI-/Annexin V-	90.61±0.39	91.06±0.59	89.80±0.79	91.83±0.82	90.48±0.98	90.84±0
	PI-/Annexin V+	5.25±0.45	3.91±0.83	5.39±0.89	3.13±0.74	4.70±0.94	4.94±0.07
48H	PI+/Annexin V-	3.67±0.01	3.49±0.42	2.95±0.74	2.46±0.06	2.97±0.25	3.35±0.35
	PI+/Annexin V+	1.06±0.03	2.02±0.02	2.21±0.36	3.02±0.14	2.80±0.06	2.51±0.06
	PI-/Annexin V-	91.47±0.16	89.11±0.34	89.00±0.21	87.86±0.01	87.91±0.04	87.71±0.02
	PI-/Annexin V+	3.80±0.11	5.39±0.78	5.86±0.59	6.66±0.18	6.34±0.15	6.44±0.27
72H	PI+/Annexin V-	2.67±0.48	4.48±0.62	5.15±0.13	5.62±0.22	6.58±0.20	6.12±0.09
	PI+/Annexin V+	1.40±0.19	1.85±0.38	1.84±0.06	1.87±0.13	2.40±0.17	2.84±0.08
	PI-/Annexin V-	90.22±0.59	89.24±0.33	88.21±0.08	86.89±0.49	84.24±0.16	83.68±0.10
	PI-/Annexin V+	5.72±0.30	4.44±0.57	4.81±0.02	5.63±0.14	6.78±0.19	7.37±0.11