Figure S1. Immunohistochemical stains for follicular dendritic cell (FDC) distribution in follicular lymphoma (A) and mantle cell lymphomas (B, nodular) and (C, diffuse)
CD21 antibody is used to stain FDC. n=10 for follicular lymphoma and n=10 for mantle cell lymphoma.

Figure S2. Cell adhesion to follicular dendritic cells (HK cells) protects B lymphoma cell lines from drug-induced apoptosis and induces downregulation of Bim in germinal center derived lymphomas
SUDHL-10 (A, C–D), RAMOS (A–B, D) lymphoma cells (10^5/ml) in suspension (Sus), adhered to the pre-established monolayer of HK cells (HK-Ad), or with a confluent HK monolayer but separated by Transwell inserts were treated with and without mitoxantrone (2 μM) for 12 hours, and the lymphoma cells were collected and analyzed for apoptosis with Annexin-V (A) and Bim protein (all Bim isoforms, EL, L and S) by Western blot (B–C). Direct cell-cell contact but not soluble factor(s) decreased mitoxantrone-induced apoptosis and Bim expression in Jeko-1, Mino, and SUDHL-4 lymphoma cells. (D) SUDHL-10 and RAMOS lymphoma cells (10^5 /ml) were placed in suspension (Sus) or adhered to HK cells (HK-Ad) for 24 hours, and miR-181a expression was analyzed by TaqMan microRNA quantitative RT-PCR assays. A–D, results represent 3 independent experiments with mean ± standard deviation. VC, vehicle control. In panels B and C the relative change in Bim protein was measured by quantitative densotometry and is indicated below each lane.

Figure S1.

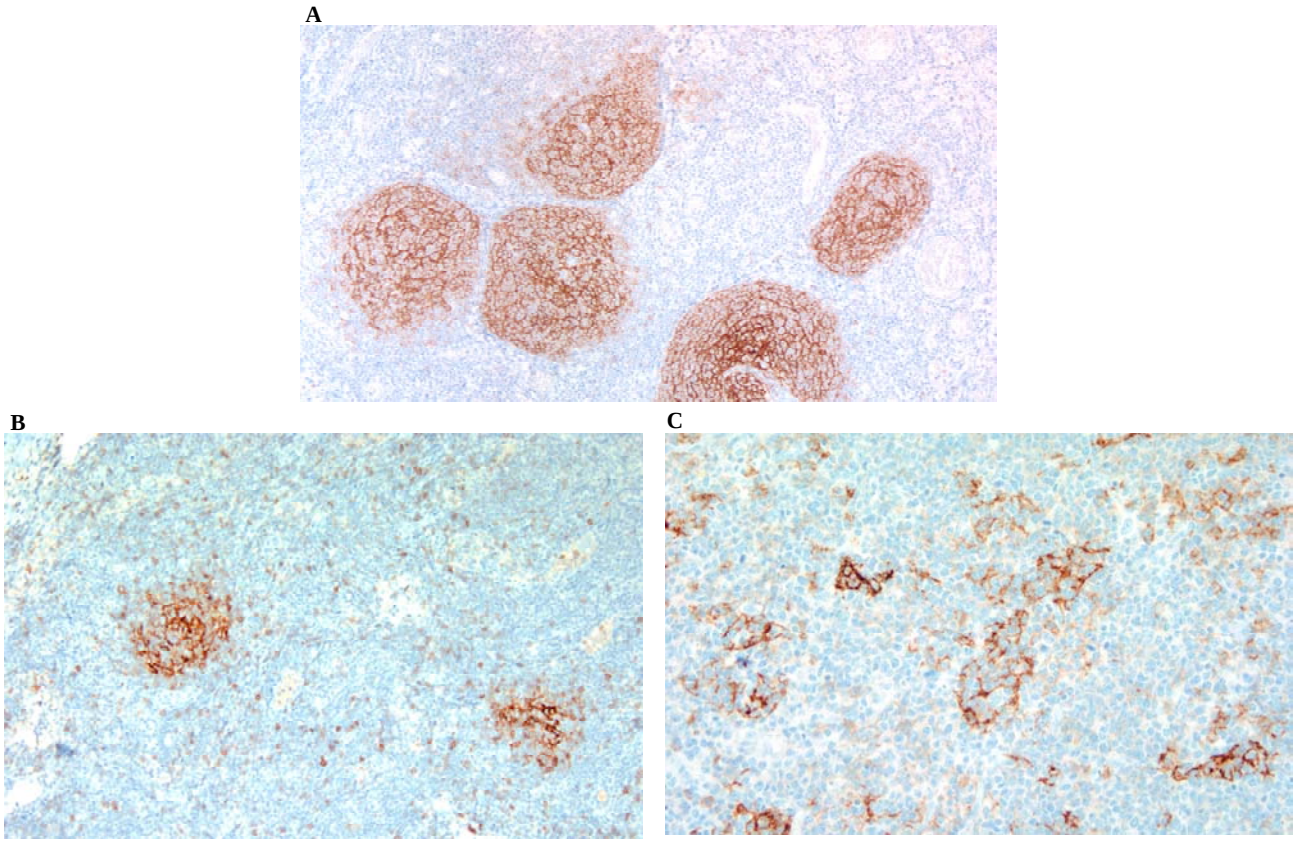
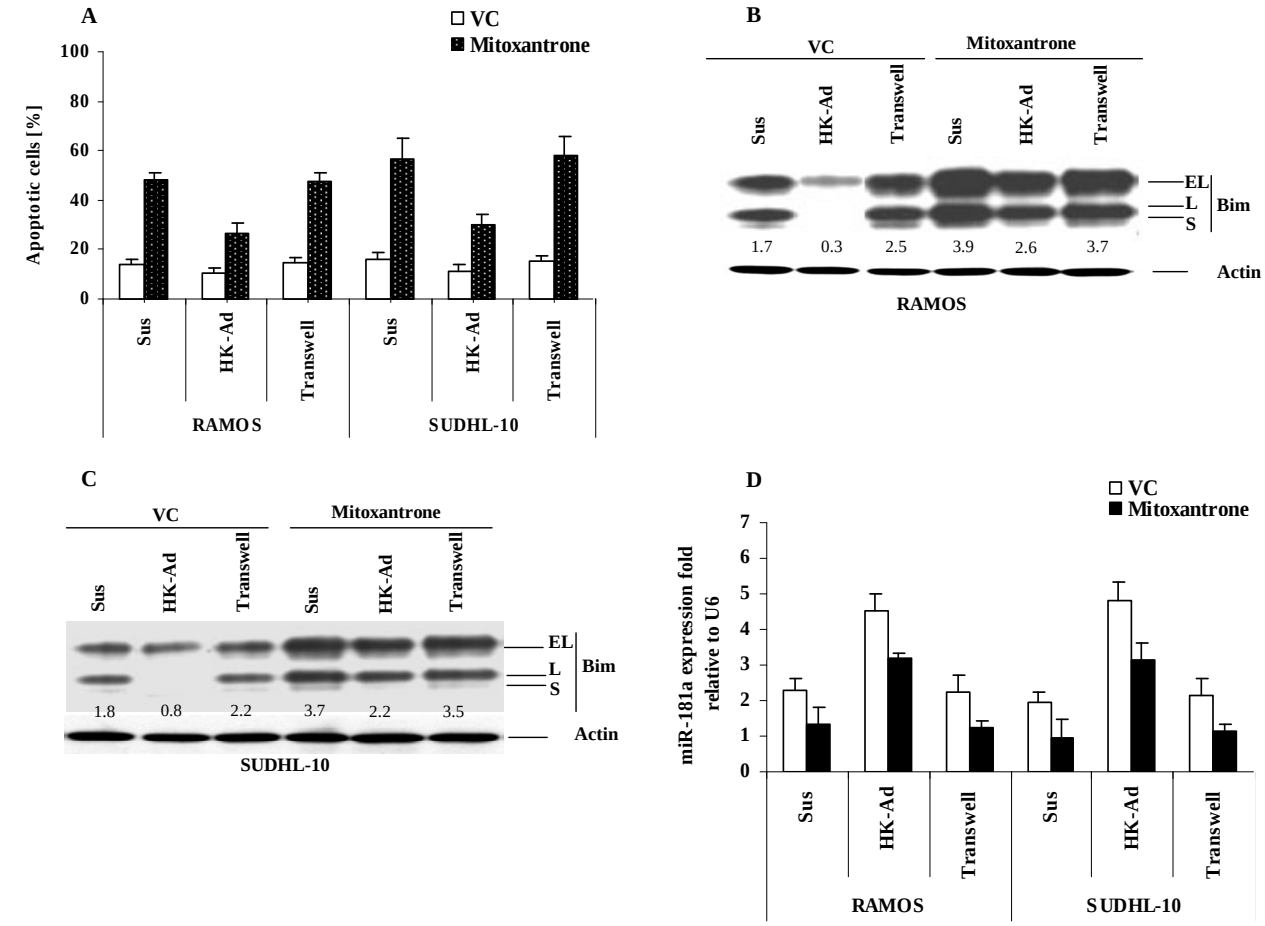


Figure S2.


A
VC
Mitoxantrone
Apoptotic cells [%]
100
80
60
40
20
0
Sus
HK-Ad
Transwell
Sus
HK-Ad
Transwell
RAMOS
SUDHL-10
B
VC
Mitoxantrone
Sus
HK-Ad
Transwell
Sus
HK-Ad
Transwell
EL
L
S
Bim
1.7
0.3
2.5
3.9
2.6
3.7
Actin
RAMOS
C
VC
Mitoxantrone
Sus
HK-Ad
Transwell
Sus
HK-Ad
Transwell
EL
L
S
Bim
1.8
0.8
2.2
3.7
2.2
3.5
Actin
SUDHL-10
D
VC
Mitoxantrone
miR-181a expression fold relative to U6
7
6
5
4
3
2
1
0
Sus
HK-Ad
Transwell
Sus
HK-Ad
Transwell
RAMOS
SUDHL-10