Figure S5

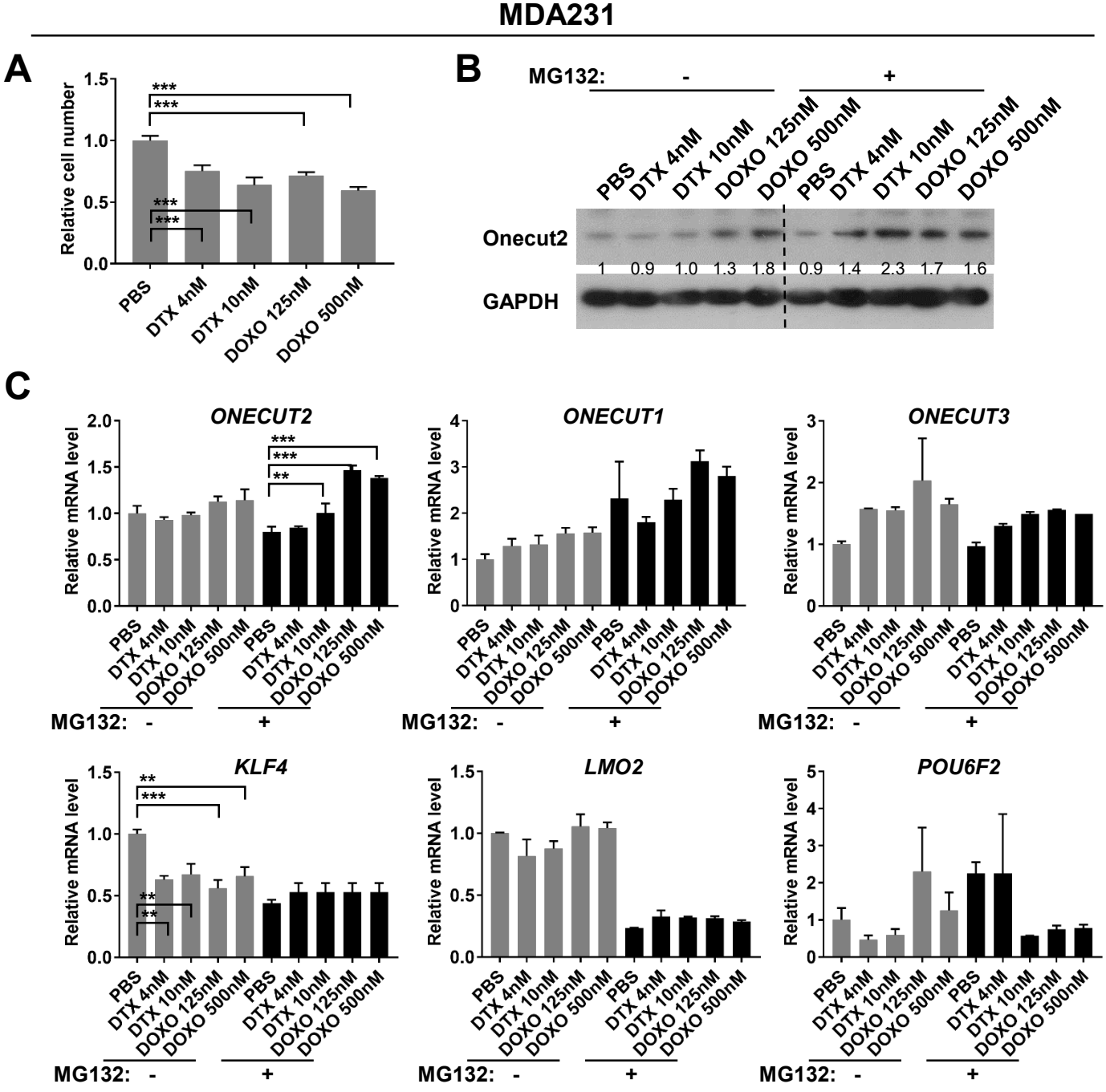
MDA231
A
Relative cell number
1.5
1.0
0.5
0.0
***
***
***
***
PBS
DTX 4nM
DTX 10nM
DOXO 125nM
DOXO 500nM
B
MG132: - +
PBS
DTX 4nM
DTX 10nM
DOXO 125nM
DOXO 500nM
PBS
DTX 4nM
DTX 10nM
DOXO 125nM
DOXO 500nM
Onecut2
1 0.9 1.0 1.3 1.8 0.9 1.4 2.3 1.7 1.6
GAPDH
C
ONECUT2
ONECUT1
ONECUT3
KLF4
LMO2
POU6F2
Relative mRNA level
MG132: - +

Figure S5 (continued)

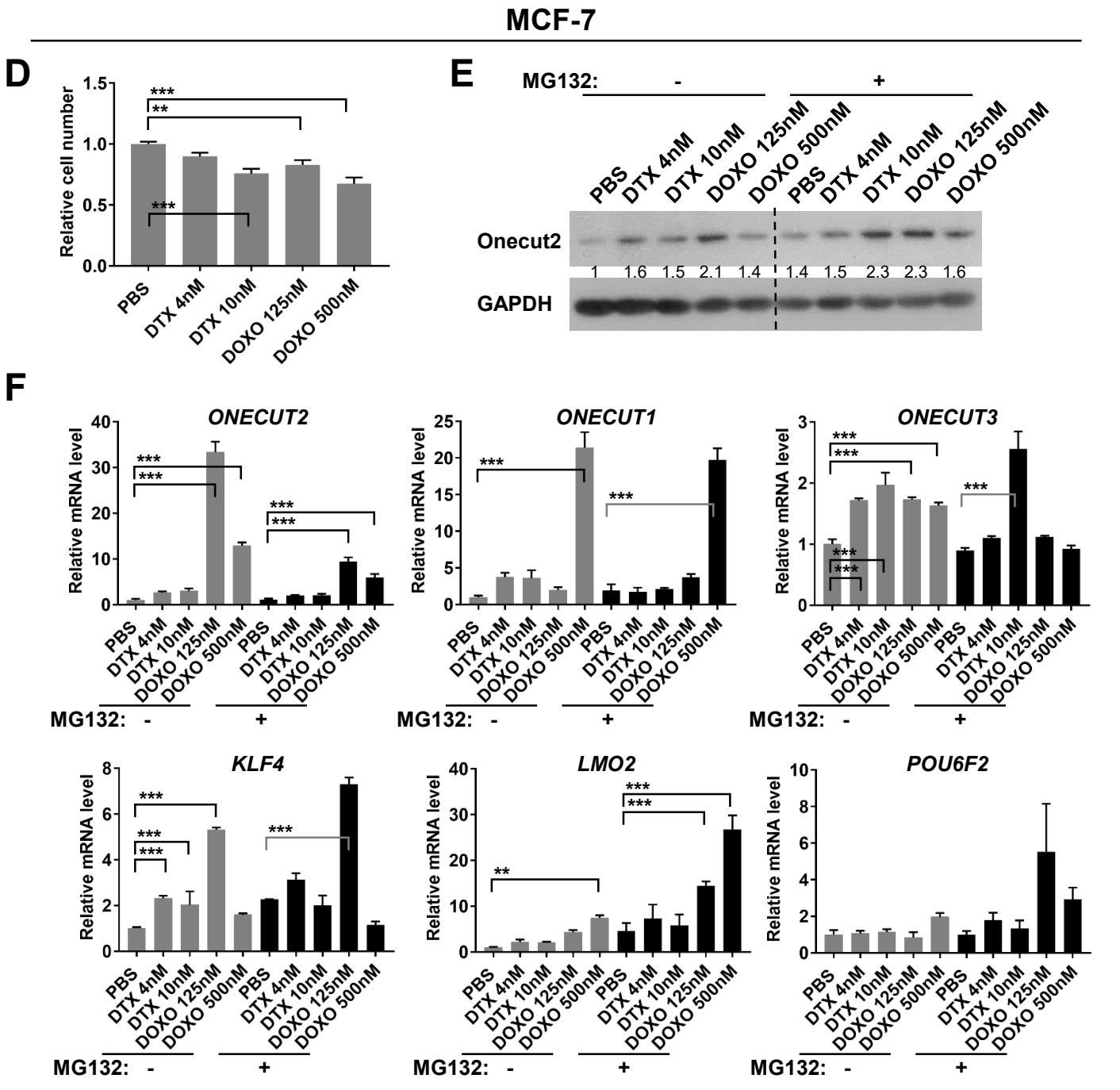

Figure S5 (continued)

BT474

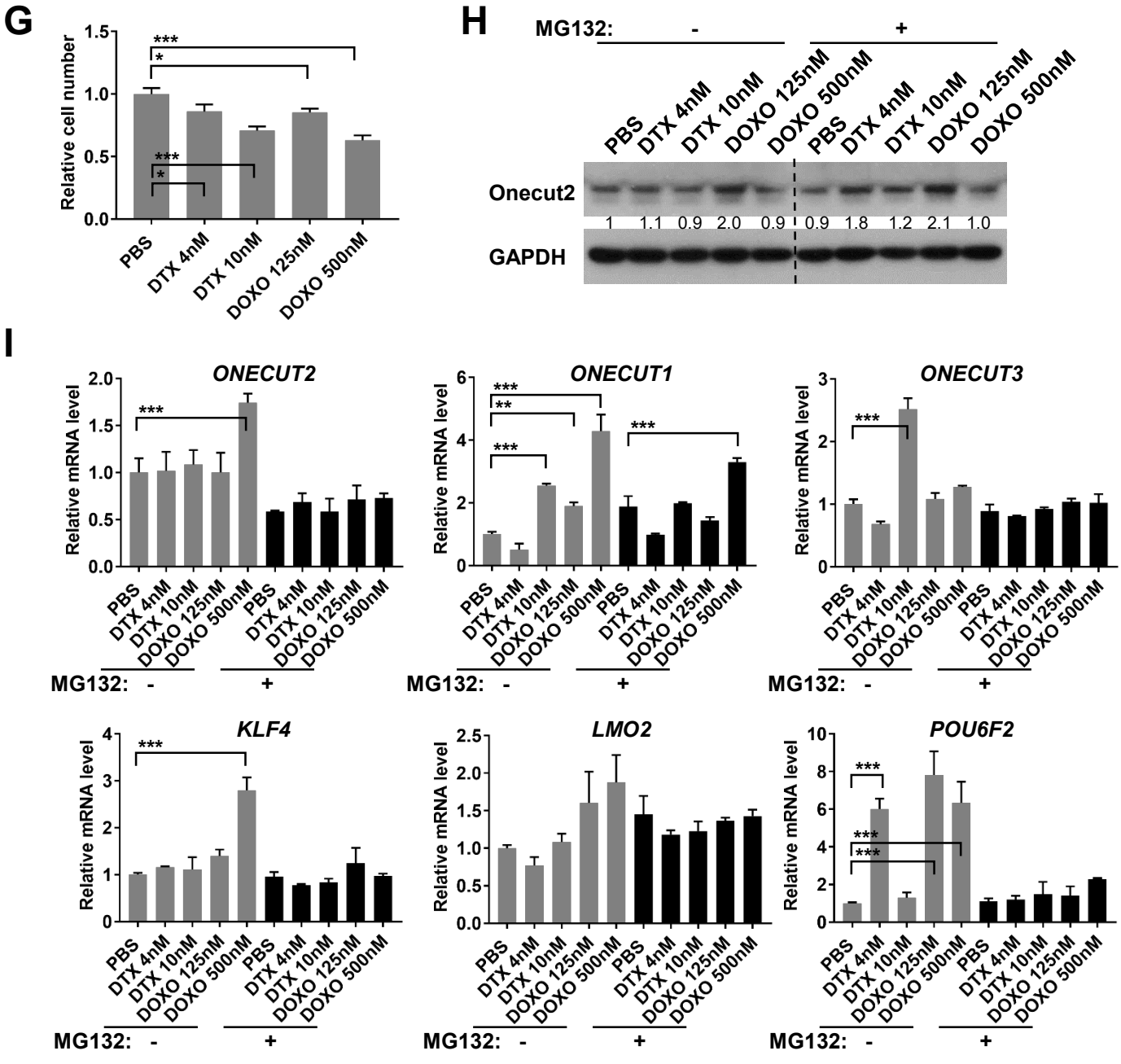

Figure S5 (continued)

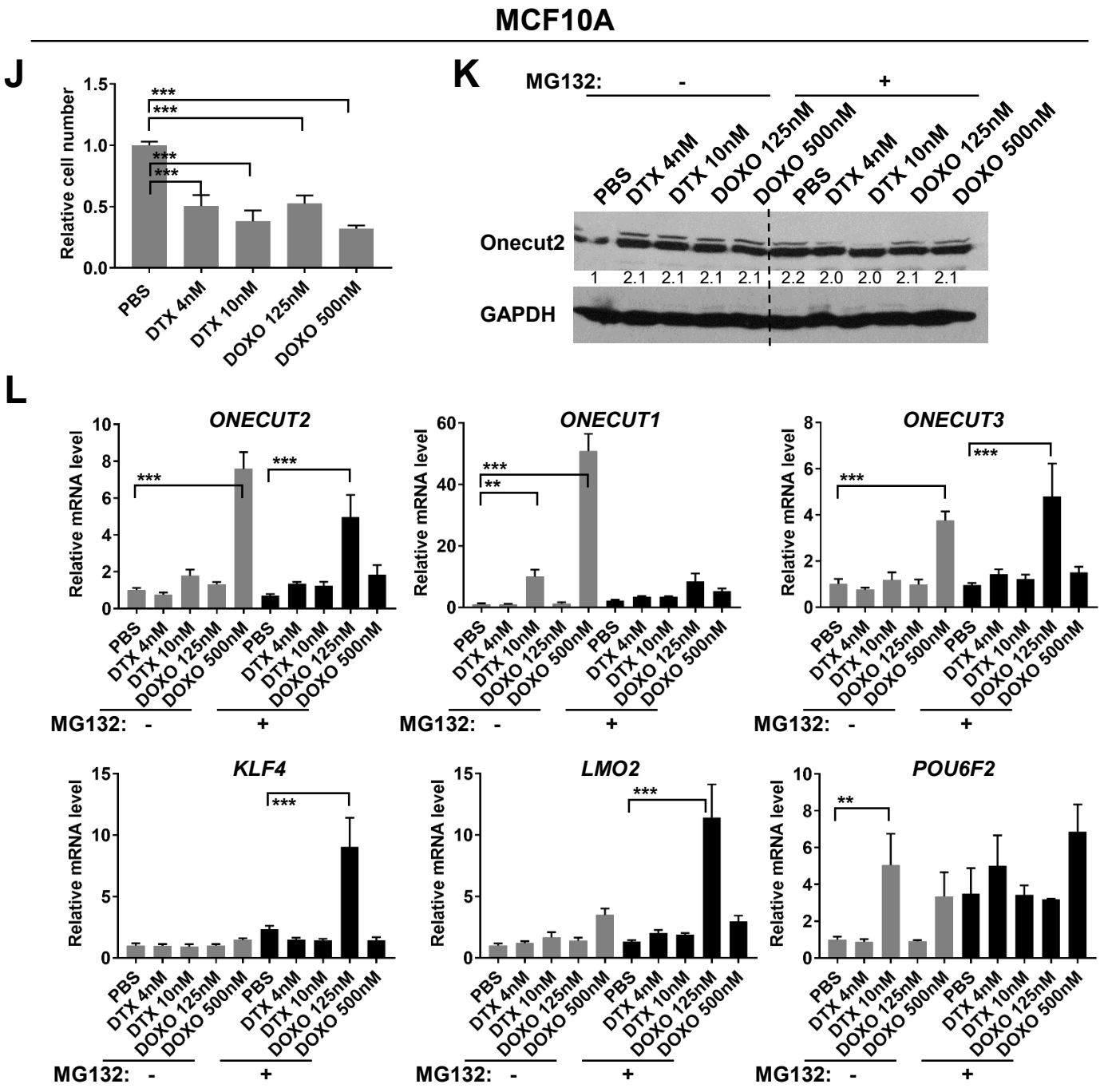

Fig. S5. Direct effect of chemotherapy on cell lines used in this study. MDA231 (A-C), MCF-7 (D-F), BT474 (G-I), and MCF10A (J-L) cells were treated with DTX or DOXO at indicated concentrations or with PBS. (A,D,G,J) Cell numbers were determined after 48 h. (B,E,H,K) After 24 h of chemotherapy treatment, MG132 (10 μM) or PBS was added to cells for 6 h before Western blot analysis. (C,F,I,L) RT-qPCR analysis of cells treated as in (B,E,H,K) using 18S rRNA level for normalization. *P<0.05, **P<0.01, ***P<0.001. Numbers below Western images indicate quantification after normalization to GAPDH with the first lane set as 1.