

Raw data of Western Blot

Below figures represents the apoptotic proteins on HCT 116 cells obtained by Western Bolt.

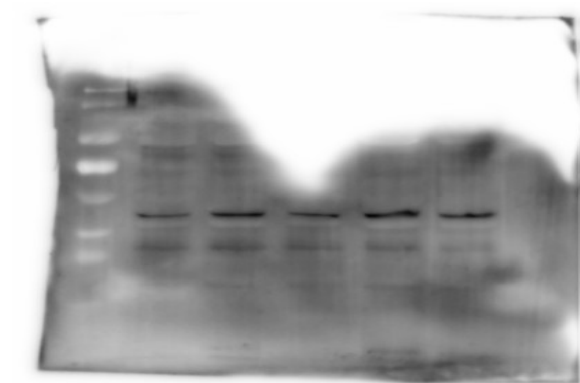
1. Anti-apoptotic protein

a. (Bcl2)

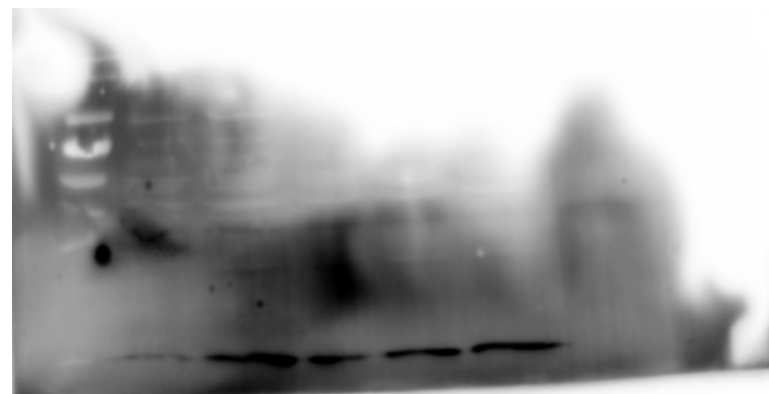


2. Pro-apoptotic proteins

b. (BAX)



c. (Cytochrome-C)



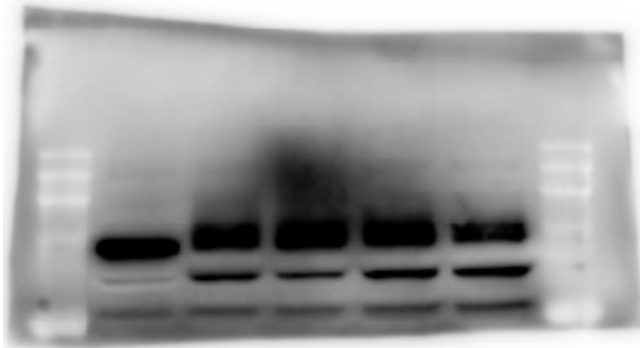
d. (Caspase-3)



e. (Caspase-9)



f. (PARP)

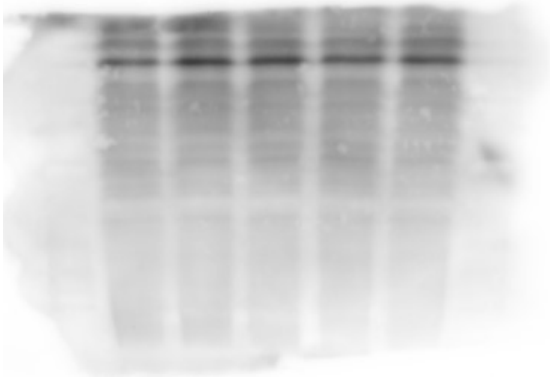


3. Cell stress induced Apoptotic (tumor suppressor protein) proteins

g. (p53)

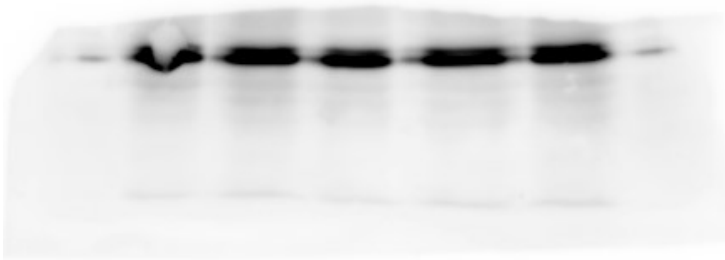


h. (p-p53)

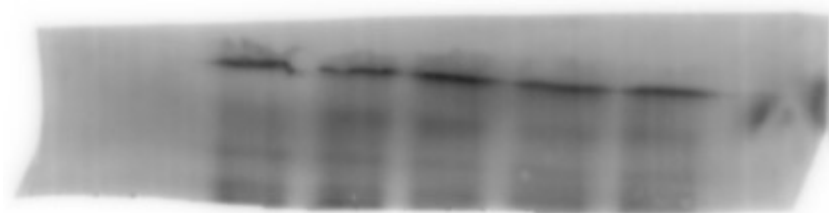


4. Normal control cellular protein as below

i. (Beta-actin 1 (figure 8A))



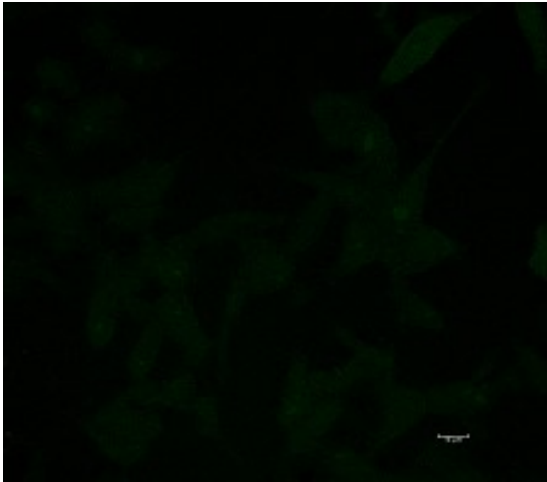
j. (Beta-actin 2 (figure 8B))



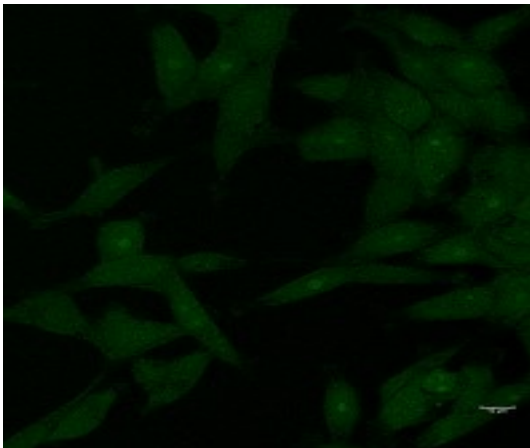
Raw data of confocal microscopy

(2) Below figures represents the ROS level on HCT 116 cells observed using Confocal microscopy.

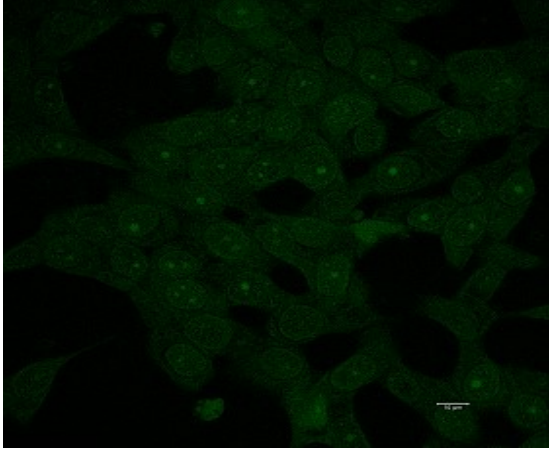
a. (Control - HCT 116 cells)



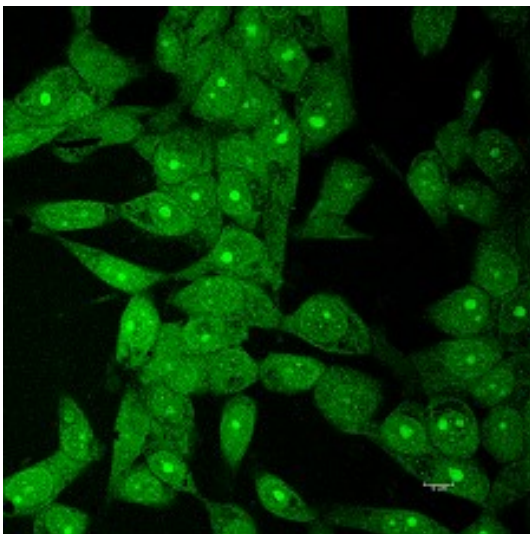
b. (BTE-GNPs treatment on HCT 116 cells)



c. (DOX treatment on HCT 116 cells)



d. (Combined treatment of BTE-GNP+DOX on HCT 116 cells)



e. (Combined treatment of BTE-GNP+DOX+NAC on HCT 116 cells)

