

Appendices

Chemicals and reagents

MTT (3-(4, 5-dimethyl-2-thiazolyl)-2, 5-diphenyl-2H-tetrazolium bromide), PI (propidium iodide) and DMSO (dimethyl sulfoxide), Lactalbumin and oleic acid were obtained from Sigma-Aldrich (Germany). 5-FU was purchased from EBEWE pharma company (Austria). Human colon cancer cell lines, HT-29 and HCT116 cells, were obtained from the Bonyakhteh company (Tehran, Iran). DMEM with L-glutamine and penicillin-streptomycin were purchased from Gibco® Life Technologies (Paisley, UK). FBS (fetal bovine serum) was obtained from Biosera (UK). GAPDH and β -catenin antibodies were purchased from Santa Cruz biotechnology, inc (California, USA) while *E-Cadherin* and anti-mouse IgG secondary antibodies were purchased from Sigma-Aldrich (St. Louis, MO, USA). Tris-HCL and acryl-Bis acrylamide were obtained from Merck (Germany). SDS (sodium dodecyl sulfate) and agar were purchased from Cinnagen (Tehran, Iran). All purchased commercially available chemicals and reagents were used without further purification.