

Parabens are organic compounds used as antimicrobial agents in cosmetic products. Recent studies have shown that some forms of parabens could harm healthy cells. Therefore, parabens also have the potential to damage cancer cells. Dinitroparaben, a novel paraben, was investigated as a potential inducer of apoptosis in M624 human melanoma cells. Cell viability was determined through clonogenic assay. The presence of the cleaved form of PARP, an indicator of apoptosis, was detected by western blot.