

SUPPLEMENTARY MATERIALS

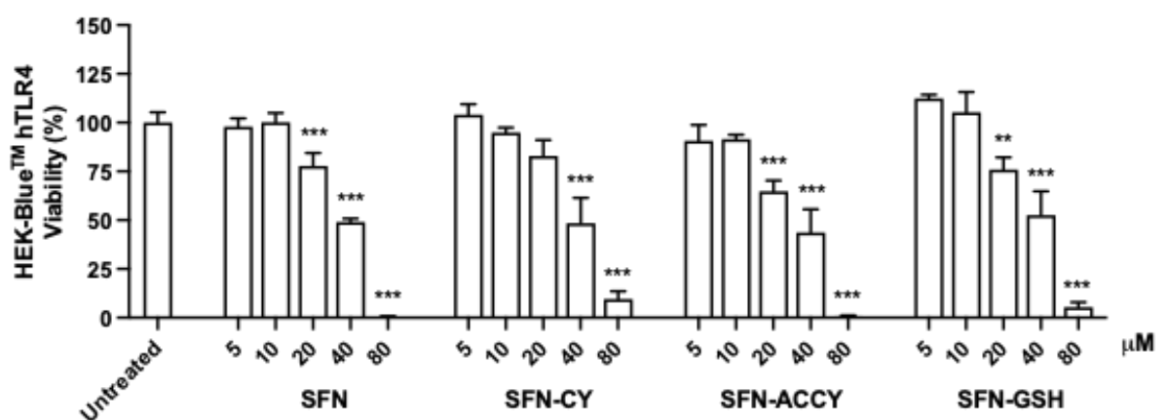


Figure S1. Effect of the tested compounds on HEK-Blue™ hTLR4 cell viability. Cells were cultured overnight in medium containing 10% serum, which was replaced with serum-free medium before treatments with sulforaphane and its metabolites for 24 h. At the end of incubation, cell viability was determined by MTT assay. Results are expressed as a percentage of cell viability relative to untreated cells. Data are means \pm SD of three independent experiments.

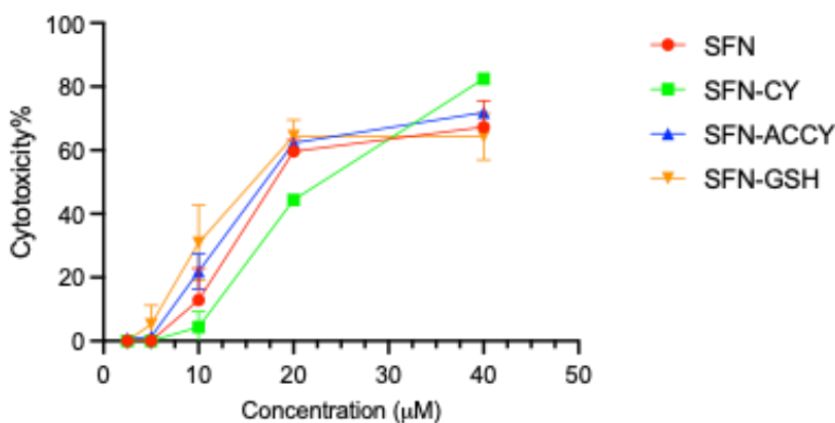


Figure S2. Cytotoxicity in THP-1 cells differentiated into macrophages with Phorbol 12-Myristate 13-Acetate (PMA) and treated for 24 h with sulforaphane and its metabolites (2.5 – 40 μM), evaluated by WST-1 assay. Data are reported as mean \pm SD of three independent experiments.

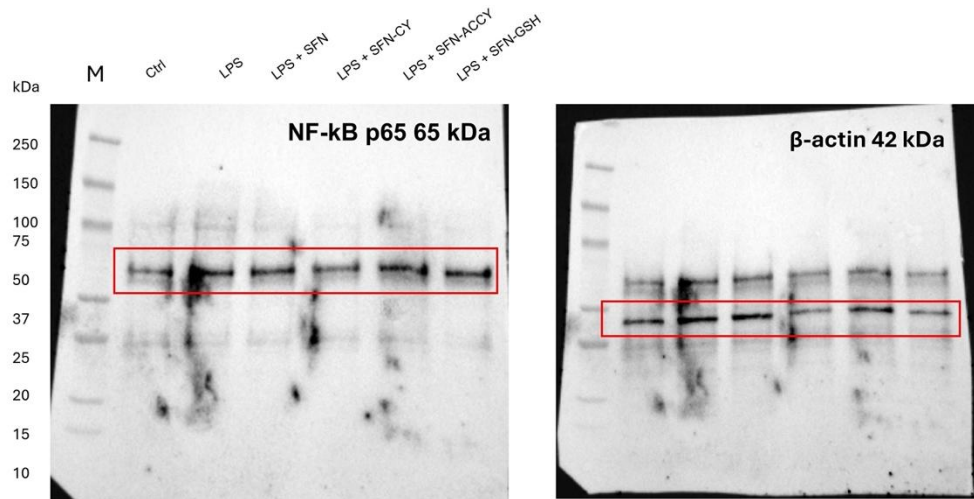


Figure S3. Evaluation of nuclear NF- κ B p56 expression after 3 h of sulforaphane and metabolites treatment in lipopolysaccharide-stimulated THP-1 macrophages by western blotting.

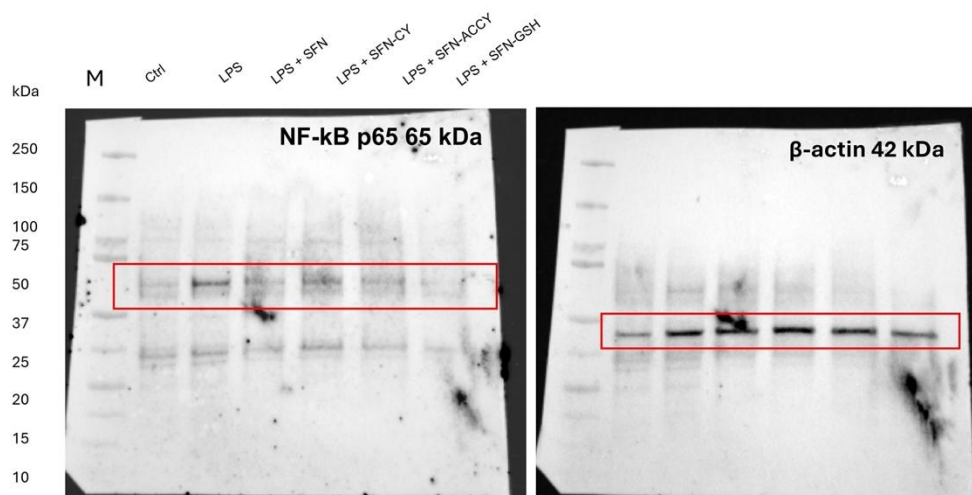


Figure S4. Evaluation of nuclear NF- κ B p56 expression after 24 h of sulforaphane and metabolites treatment in lipopolysaccharide-stimulated THP-1 macrophages by western blotting.

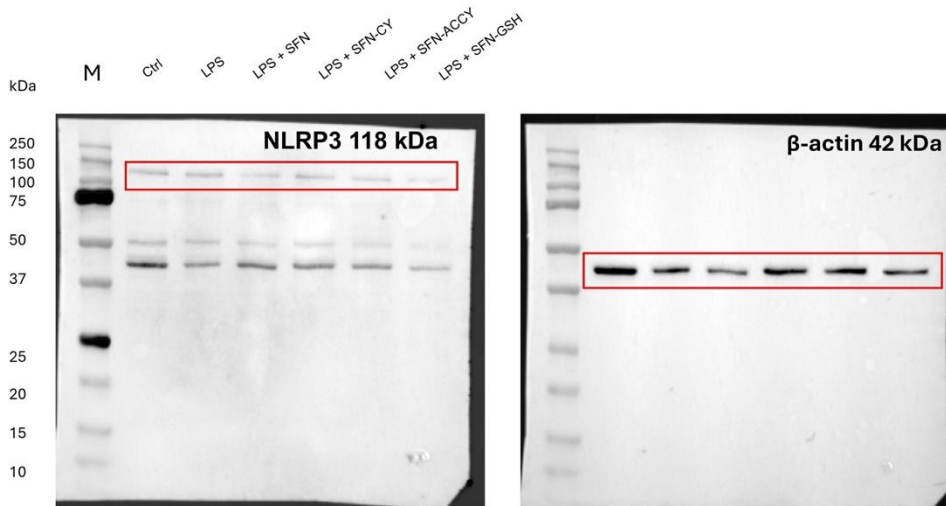


Figure S5. Evaluation of cytoplasmic NLRP3 expression after 24 hours of sulforaphane and metabolites treatment in lipopolysaccharide-stimulated THP-1 macrophages by western blotting.

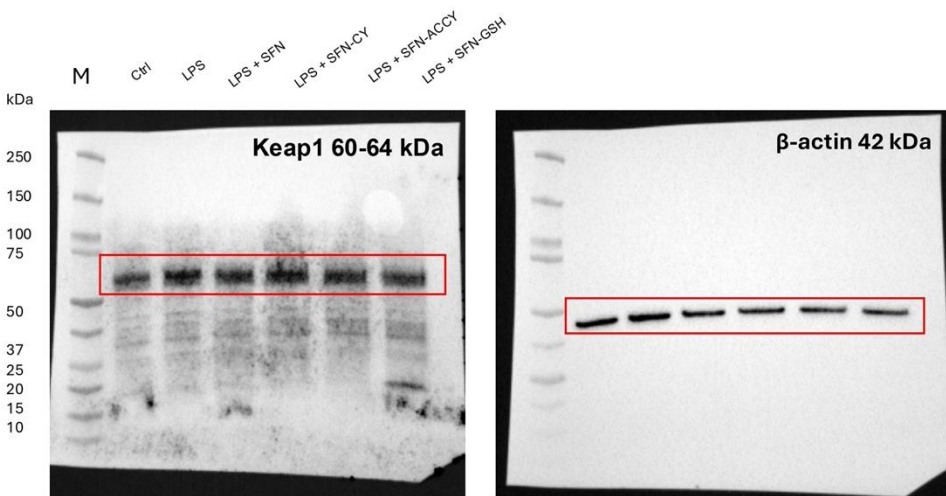


Figure S6. Evaluation of cytoplasmic Keap1 expression after 24 hours of sulforaphane and metabolites treatment in lipopolysaccharide-stimulated THP-1 macrophages by western blotting.

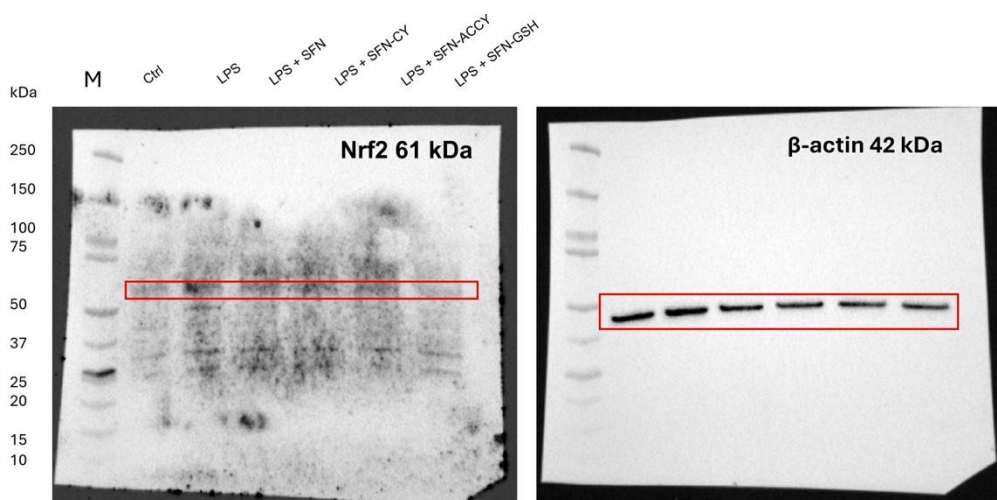


Figure S7. Evaluation of cytoplasmic Nrf2 expression after 24 hours of sulforaphane and metabolites treatment in lipopolysaccharide-stimulated THP-1 macrophages by western blotting.

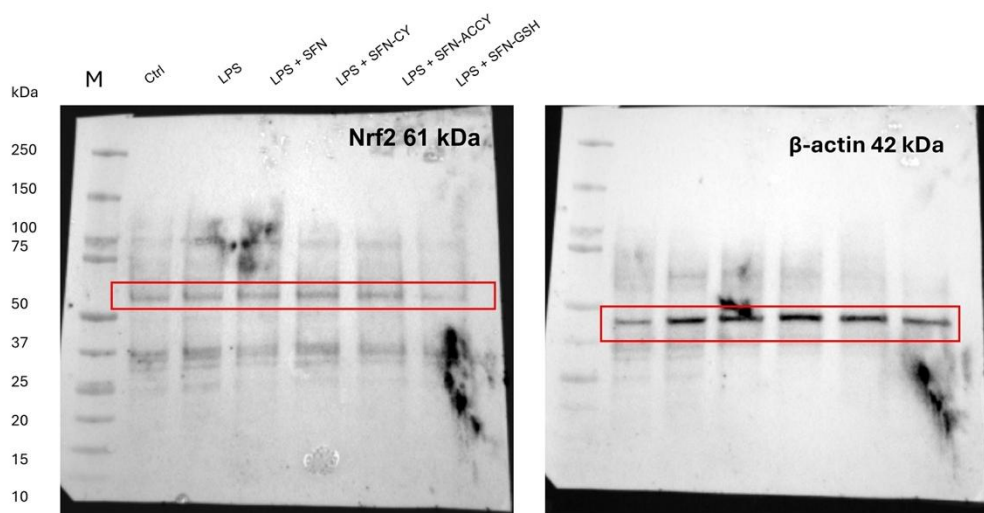


Figure S8. Evaluation of nuclear Nrf2 expression after 24 hours of sulforaphane and metabolites treatment in lipopolysaccharide-stimulated THP-1 macrophages by western blotting.