

Figure S1. Analysis of the ginsenoside content in culture medium, culture supernatant, and cytosol fraction according to RGE concentration. Data are represented as the mean \pm standard error of the mean (SEM) of three independent experiments. Culture medium, RGE-supplemented medium before incubation; Culture sup, RGE-supplemented medium after HY7017 incubation; Cytosol fraction, after HY7017 incubation in RGE-supplemented medium, the disrupted cytoplasmic fraction.

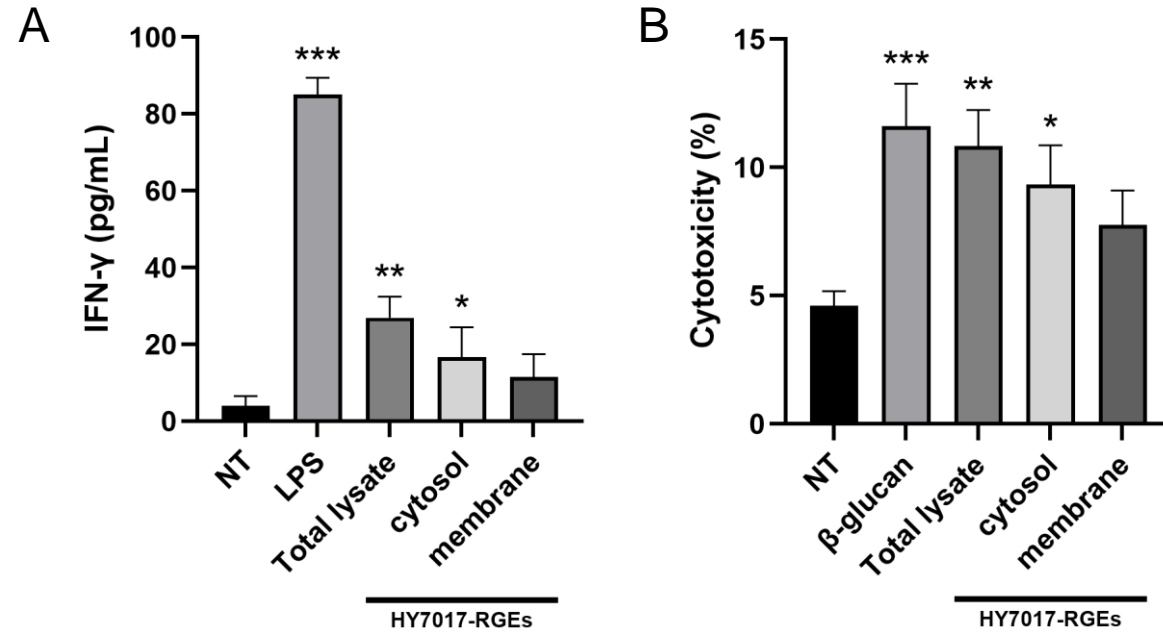


Figure S2. The effect of cell fractions of HY7017 cultured in 3% RGE-supplemented MRS on IFN-gamma secretion from splenocytes (A) and NK activity in splenic NK-cells (B). Data are represented as mean \pm standard error of the mean (SEM) of three independent experiments. * $p < 0.05$, ** $p < 0.01$ and *** $p < 0.001$ compared with NT. NT, non-treated group; β -glucan, treated with 50 μ g/mL β -glucan, Total lysate, treated with lysate of 1×10^6 CFU of HY7017 grown in 3% RGE-supplemented MRS; Cytosol, treated with cytosol fraction of 50 μ L/well of HY7017 grown in 3% RGE-supplemented MRS; Membrane, treated with membrane fraction of 1×10^6 CFU of HY7017 grown in 3% RGE-supplemented MRS.