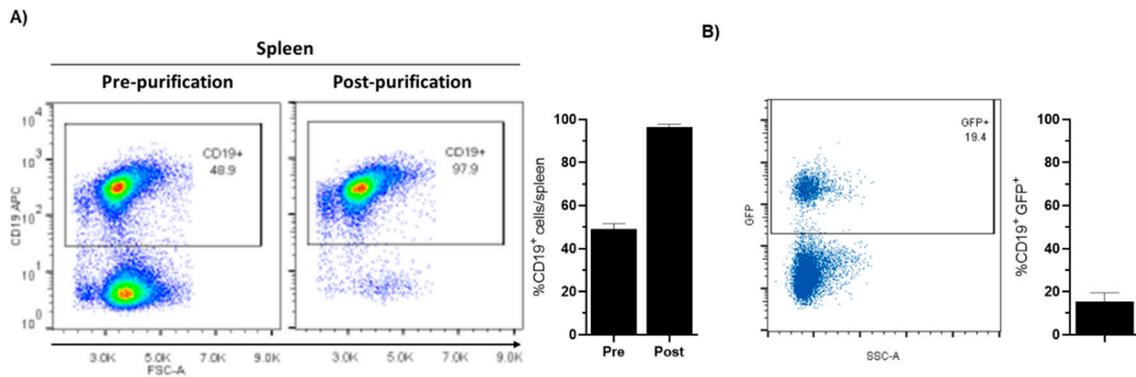
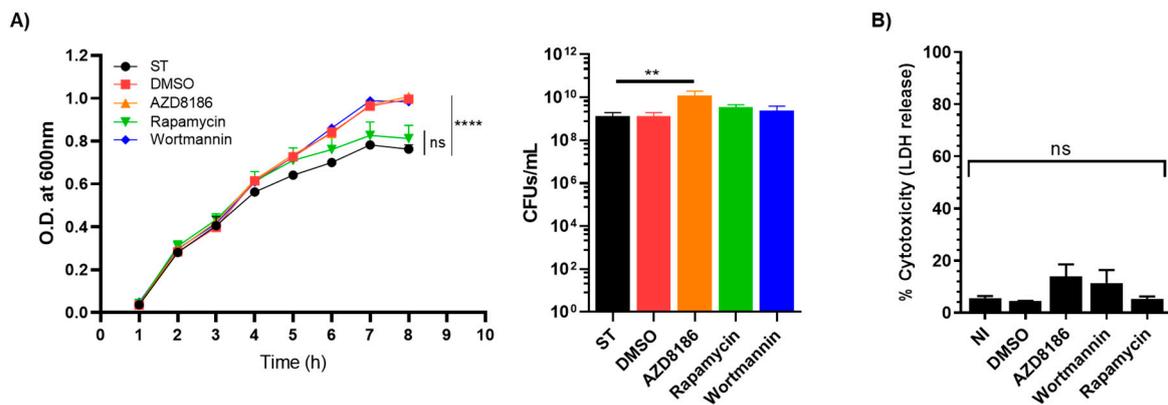


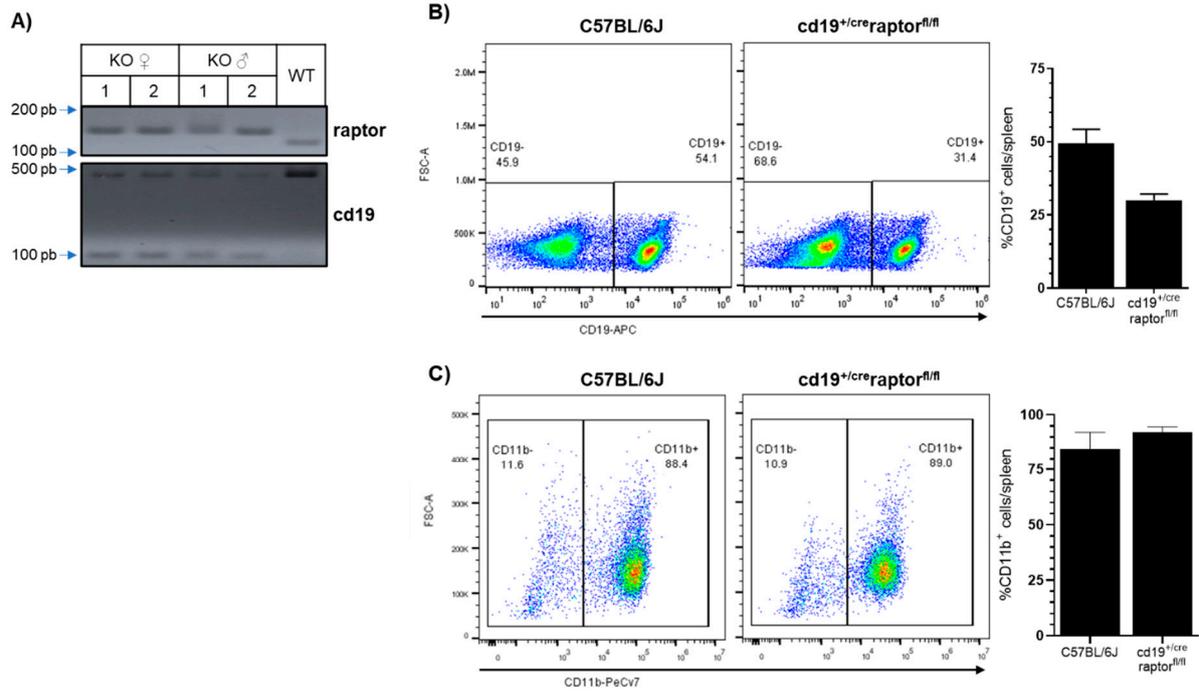
## Supplementary material



**Figure S1. Purified B lymphocytes by MACs and *Salmonella* infected purified B cells.** (A) Representative plots of mice splenocytes before and after purification done by negative selection. A previous singlets gating was performed for data analysis. (B) The percentage of B cells infected with *Salmonella* was evaluated by flow cytometry using a GFP<sup>+</sup> strain of *Salmonella*. A representative plot is shown. Population analysis was done starting with the region of singlets, followed by the selection of the mononuclear region and finally the CD19<sup>+</sup> region, corresponding to B cells population. Results are expressed as mean  $\pm$  SD, n=5.



**Figure S2. Pharmacological inhibitors do not affect the viability of B cells or *Salmonella*.** (A) *Salmonella* was cultured in LB medium added with DMSO (42 mM), AZD8186 (500 nM), rapamycin (160 nM) and wortmannin (1.0  $\mu$ M). Bacterial growth was evaluated each hour for 8 hours by optical density at 600 nm. Once the incubation time was done, CFUs were calculated by plating dilutions of 10<sup>-6</sup>, 10<sup>-7</sup> and 10<sup>-8</sup> on LB agar. (B) B cells were incubated with the pharmacological inhibitors at the same concentration as in (A) and their cytotoxicity was evaluated through LDH release. Results are expressed as mean  $\pm$  SD, n=4 for (A) and n=3 for (B). A one-way ANOVA test was used for multiple comparisons and corrected through Bartlett's test. \* P<0.05, \*\* P<0.01 and \*\*\* P<0.001.



**Figure S3. Characterization of  $cd19^{+/cre}raptor^{fl/fl}$  mice.** (A) Mice genotype was corroborated by PCR according to Jackson Laboratory protocol. PCR products were resolved on 3% agarose gel. A band of 140 bp indicates the presence of the *raptor* WT gene while a band of 180 bp is indicative of *raptor*<sup>fl</sup> gene. For the *cd19* WT gene a band of 477 bp is indicative of its presence and a band of 100 bp is visible in the case of *cd19*<sup>cre</sup> mice. (B) The percentage of C56BL/6J and *cd19*<sup>+/cre</sup> *raptor*<sup>fl/fl</sup> mice B cells was evaluated by flow cytometry. A representative plot is shown. (C) Analogous to this the percentage of macrophages in C56BL/6J and *cd19*<sup>+/cre</sup> *raptor*<sup>fl/fl</sup> mice was evaluated as described in (B). Results are expressed as mean  $\pm$  SD, n=5.