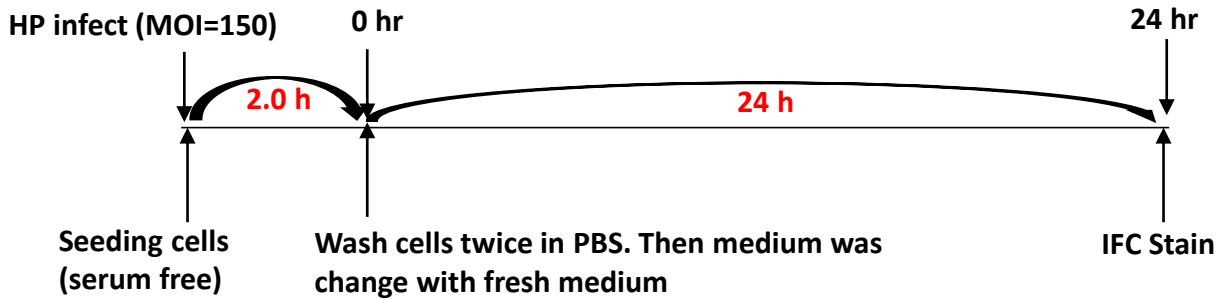
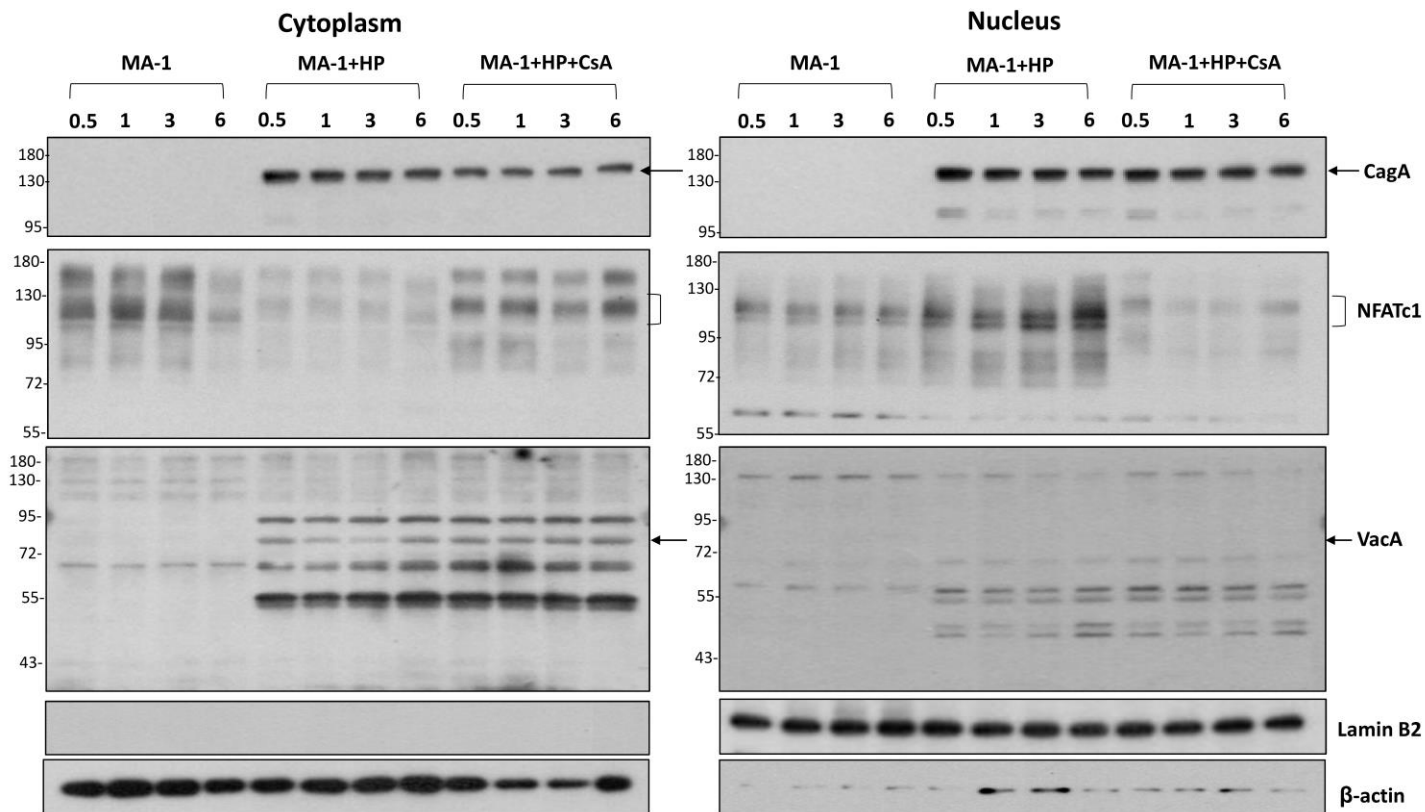


**A****B**

**Supplementary Fig. S1. CagA and NFATc1 translocate to the nucleus in HP-co-cultured lymphoma B-cells** (A) The time point of assay to detect the localization of NFATc1 after co-culture of B-lymphoma cells (MA-1, MA-1#46, OCI-Ly3, and OCI-Ly7) with HP strains (B) In HP (HM#12)-co-cultured MA-1 cell, nuclear expression of CagA was predominantly found at 0.5, 1, 3, and 6 h after HP infection. In addition, nuclear expression of NFATc1 was found at 0.5 h, increased gradually, and became predominant at 1, 3, and 6 h after HP. However, CsA treatment downregulated nuclear NFATc1 expression at 0.5, 1, 3, and 6 h after HP infection but did not affect nuclear CagA expression. The expression of nuclear VacA was not obvious in HP (HM#12)-co-cultured MA-1 cell compared with non-HP-co-cultured MA-1 cells. In addition, CsA administration did not alter nuclear VacA expression. HP, *Helicobacter pylori*; MOI, multiplicity of infection; PBS, phosphate-buffered saline; IFC, immunofluorescence; CagA, cytotoxin-associated gene A; NFAT, nuclear factor of activated T cells; CsA, cyclosporine A. VacA, vacuolating toxin A.