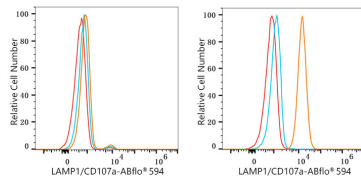
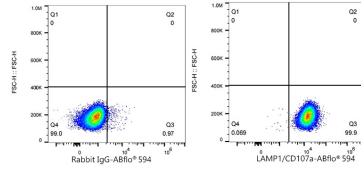




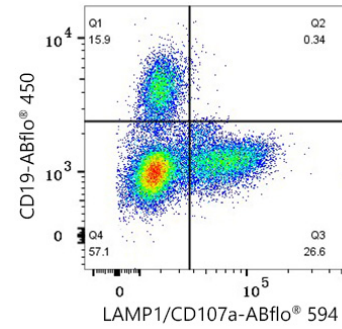
## Validation Data



Flow cytometry:  $1 \times 10^6$  knockout (KO) HeLa cells (negative control, left) and HeLa cells (right) were intracellularly-stained with ABflo® 594 Rabbit anti-Human LAMP1/CD107a mAb (A24174, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:  $1 \times 10^6$  HeLa cells were intracellularly-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, left) or ABflo® 594 Rabbit anti-Human LAMP1/CD107a mAb (A24174, 5  $\mu$ l/Test, right).



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD19 mAb (A27286, 5  $\mu$ l/Test) and then intracellularly-stained with ABflo® 594 Rabbit anti-Human LAMP1/CD107a mAb (A24174, 5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.