

Keywords: FACS, immune cell, T cell, sorting

1. Resuspended cells isolated from the small intestine with 400 µl Fc block (BD Biosciences, Cat# 553142; Franklin Lakes, NJ), 1:200 in FACS buffer
2. Incubate for 20 minutes on ice.
3. Wash cells in 500 µl FACS buffer, pellet at 1500 rpm for 2 minutes, then resuspend in 600 µl of FACS buffer with 1:100 CD45 BUV395 antibody (BD Biosciences, Cat# 564279; Franklin Lakes, NJ)
4. Incubate on ice for 30 minutes.
5. After 30 minutes, wash cells in 500 µl FACS buffer
6. Resuspend in 500 µl of FACS buffer containing propidium iodide (BioLegend, Cat# 421301; San Diego, CA) at 1:10,000.
7. Sort viable, CD45<sup>+</sup> cells on a Sony MA900 Multi-Application Cell Sorter.