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# FACS for CD45+ immune cells

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### **ABSTRACT**

This protocol details FACS of intestinal immune cells (CD45+).

# OPEN ACCESS

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https://dx.doi.org/10.17504/p rotocols.io.36wgq3465lk5/v1

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**Protocol status:** Working We use this protocol and it's working

Created: Jul 12, 2023

Last Modified: Jul 16, 2023

**PROTOCOL** integer ID:

84890

Keywords: FACS, immune cell, T cell, sorting

**ATTACHMENTS** 

786-1993.pdf

**MATERIALS** 

## Reagents

BD Pharmingen™ Purified Rat Anti-Mouse CD16/CD32 (Mouse BD Fc Block™) BD Biosciences Catalog #553142

BD Horizon™ BUV395 Rat Anti-Mouse CD45 BD Biosciences Catalog #564279

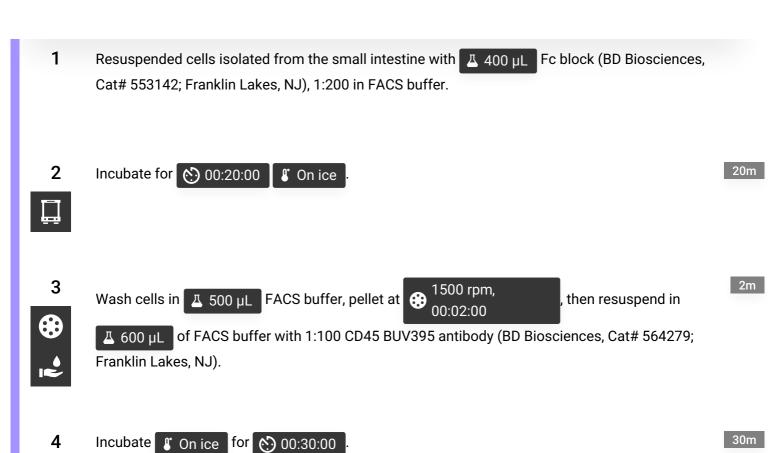
Propidium Iodide Solution BioLegend Catalog #421301

## **Equipment**

Sony MA900 Multi-Application Cell Sorter

**Procedure** 

52m





- 5 After 30 minutes, wash cells in Δ 500 μL FACS buffer.
- 6 Resuspend in Δ 500 μL of FACS buffer containing propidium iodide (BioLegend, Cat# 421301; San Diego, CA) at 1:10,000.
- 7 Sort viable, CD45+ cells on a Sony MA900 Multi-Application Cell Sorter.