BENAROYA
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Tetramer Lab Core
Standard Protocols

Enrichment

1. Prepare Miltenyi separation columns by putting columns in magnet followed by priming with 500 µl running buffer.
2. Add the cells into the column.
3. Wash column once with 1mL running buffer.
4. Elute the cells into new FACS tubes.
   a. Remove the column from magnet.
   b. Add 1mL running buffer.
   c. Elute bound cells by applying force with plunger at a drip rate ~ 1-2 drips per second.
   d. This is your “bound” tube.
5. Spin down the cells, aspirate supernatant.
6. Add antibody cocktail. Incubate in the dark at 4oC for 20 minutes.
7. Wash once with 2mL running buffer. Decant the supernatant.
8. Add 2 µl BD Viaprobe to both “pre-enrichment” and “bound” tubes.
9. Analyze on a flow cytometer.