Protocol adapted from those accompanying commercial markers18.

1. **Blocking (continuing from 9.7)**
	1. Resuspend the pellet in 98 μL of BSA buffer.
	2. Add 2 μL of FcR block.
	3. Incubate for 30 min at 4 °C.
	4. Add 1 mL of BSA buffer and centrifuge at 300 x *g* for 10 min at 4 °C.
	5. Aspirate supernatant.
2. **Antibody staining**
	1. Resuspend the pellet in 90 μL of BSA buffer.
	2. Add 2 μL of FcR block.
	3. Add 1 μL of each antibody (Anti-CD31-APC, CD11b-VioBlue, Anti-ACSA-2-PE-Vio770, Anti-PSA-NCAM-PE, Anti-MBP) and mix well by pipetting up and down after each addition.
	4. Incubate for 10 min at 4 °C.
	5. Add 1 mL of BSA buffer and centrifuge at 300 x *g* for 10 min at 4 °C.
	6. Aspirate supernatant.
	7. Resuspend the pellet in 98 μL of BSA buffer.
	8. Add 2 μL of FcR block. Add 1 μL of FITC
	9. Incubate for 10 min at 4 °C.
	10. Add 1 mL of BSA buffer and centrifuge at 300 x *g* for 10 min at 4 °C.
	11. Aspirate supernatant.
	12. Proceed to 10.0 Fixation or 11.0 Flow Cytometry.

 Biotec, M. *Cell surface flow cytometry staining protocol*, <<https://www.miltenyibiotec.com/US-en/applications/all-protocols/cell-surface-flow-cytometry-staining-protocol-pbs-bsa-1-50.html>> (2021).