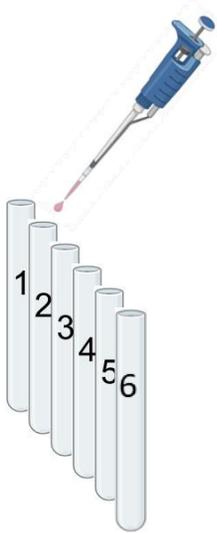


Flow cytometry practice



Sample:

Anticoagulated human blood



1. Cell surface staining

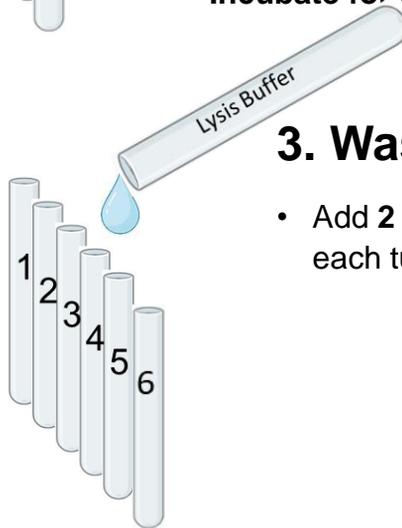
In the numbered flow tubes the following antibody mixtures are found:

1. Tube: anti-CD3-FITC + anti-CD4-PE
2. Tube : anti-CD3-FITC + anti-CD8-PE
3. Tube : anti-CD19-FITC + anti-CD5-PE
4. Tube : anti-CD3-FITC
5. Tube: anti-CD19-FITC
6. Tube : w/o antibody = autofluorescent control

- Pipette **50 μ l of blood** into the bottom of the numbered tubes, then mix it with gentle shaking movements!
Incubate for 30 minutes!

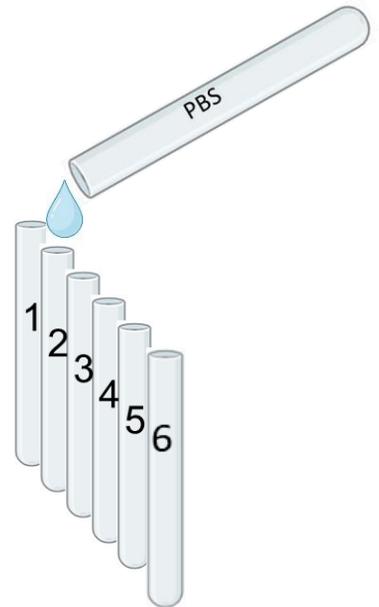
2. Hemolysis

- Add 1 ml lysis buffer to each tube.
- **Incubate for 10 minutes!**



3. Washing

- Add **2 ml PBS** to each tube.



4. Centrifugation:

- 1000 rpm, 5 minutes



5. Fixation

- Discard the **supernatant!**
- **Resuspend the pellet in 500 μ l FACS-Fix solution** (PBS + 0.5% paraformaldehyde)

