

Red Blood Cells Lysis Protocol

1. Prepare 1X working solution diluting Red Blood Cell Lysis Solution (10X) 1:10 with deionized water (dH₂O).
For example, dilute 10 mL of RBC Lysis Solution (10X) with 90 mL of dH₂O.
2. For each sample, after the incubation process with the antibodies, add 2 ml of 1X working RBC lysis solution.
3. Mix gently with a vortex mixer
4. Incubate in the dark at room temperature (20-25 °C) for 15 minutes or at 4 °C for 30 minutes.
5. Centrifuge at 540xg for 5 minutes and carefully aspirate the supernatant so as not to touch the cell pellet.
6. Resuspend the cell pellet in an appropriate buffer and proceed to further applications.

If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the product is suspected, contact our Technical Services. (tech@immunostep.com)

Reagent list:

- RBC Lysis Solution: Ref. RBC10X-50ML