

**NBP100-63745 Lot 1209**

**Type of samples: Human blood cells.**

- Collect a blood, isolate cells from the blood (protocol in the literature).
- Centrifuge for 5 minutes at 1000 RPM isolated fraction of cells.
- Aspirate supernatant.
- Label tubes.
- Take a sample of cells to perform a staining.
- Add unconjugated primary antibodies to tubes. Dilution of antibody (NBP1-90071) 1/10, 1/20, 1/500, 1/100.
- Vortex and incubate for 30 min in a covered ice bucket.
- To wash off excess antibody following staining, add 1.5-2 ml of 1X PBS to each tube. Centrifuge in tabletop microfuge for 5 minutes at 2000 RPM.
- Aspirate supernatant, being careful not to disturb pellet.
- Measure fluorescence by Beckam coulter, FC500 flow cytometry of negative control rab Ig, positive control rab Ig and samples.

CD39 is present on the lymphocytes surface. It was shown in the literature and as well we done staining on endothelial cells and activity assay was performed.