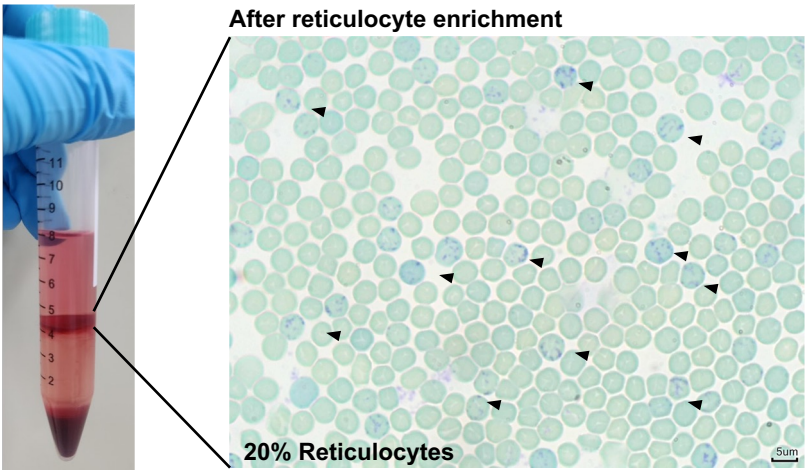


Additional file 5

A



B

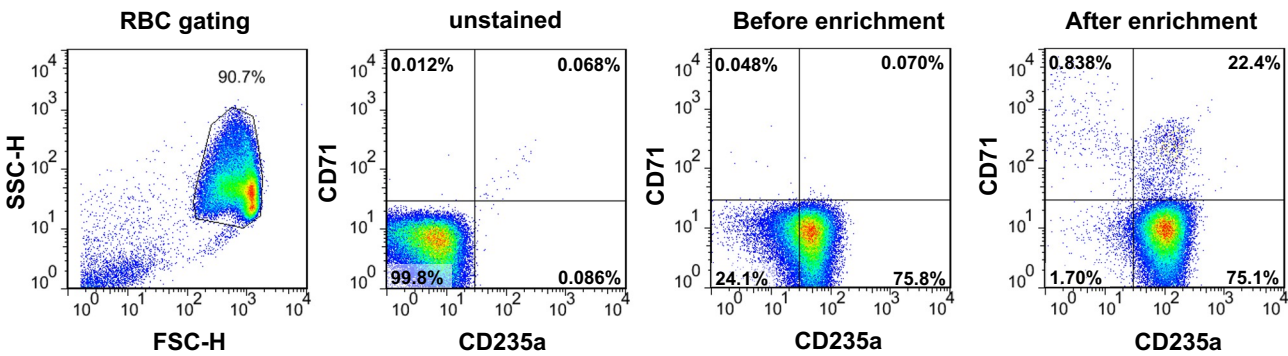


Figure S5. Enrichment of human reticulocytes and surface marker identification. (A) Human reticulocytes after enrichment with 15% OptiPrep-KCl and staining with methylene blue dye. The reticulocytes presented precipitated blue RNA granules in the red cells (arrowhead). The percentage of reticulocytes was calculated under a light microscope for a minimum of 5,000 erythrocytes. (B) Dot plot of a representative flow cytometry analysis showing the reticulocytes before and after enrichment. The red blood cells (RBCs) were gated according to forward scatter height (FSC-H) and side scatter height (SSC-H). The reticulocytes were defined as CD71-positive and CD235a-positive cells.