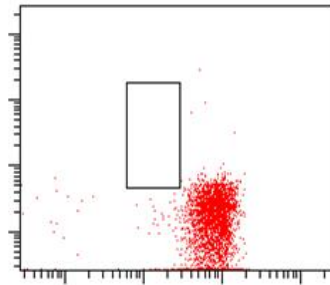


Mouse IgG1/PE Isotype  
Control



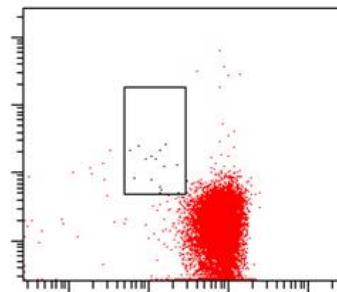
**anti-CD133/PE binds to a  
subpopulation of Human  
PBL**

Fresh ficoll prepared human  
PBL

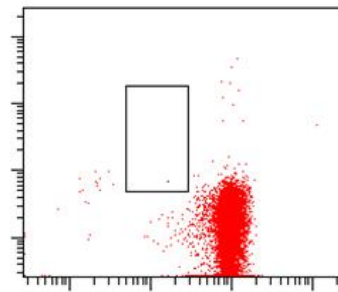
Live gate was set on  
propidium iodide non  
reactive lymphoid  
population

**0.1% CD133+ subpopulation**

anti-CD133/PE



Cells preblocked with excess  
of anti-CD133 Ab



anti-CD45/FITC

**anti-CD133/PE clone ANC9C5 was used to bind to CD133+ cells from PBMC in flow cytometry.**

Five x 10<sup>5</sup> ficoll prepared human peripheral blood leukocytes per tube were pre incubated with 20 µl of 250 µg/ml human Ig (to block non specific binding) after which they were incubated 45 minutes on ice with 80 µl of anti-CD133/PE at a dilution factor of **1:50** (6µg/ml) and co stained with anti-CD45/FITC (cat #196-040). Cells were washed three times, fixed and analyzed by FACS. A net **0.1%** sub population of the cells which costained CD45(lo)+ was positive for CD133 with a mean shift of 1.3 log<sub>10</sub> fluorescent units when compared to a Mouse IgG1/R-PE negative control (Catalog # 278-050) at a similar concentration. PE positive binding for this subpopulation was blocked when cells were pre incubated 10 minutes with 20 µl of 0.5 mg/ml of unconjugated anti-CD133 antibody (Catalog #363-020).

*\* Research Use Only. Not for use in Diagnostic procedures.*