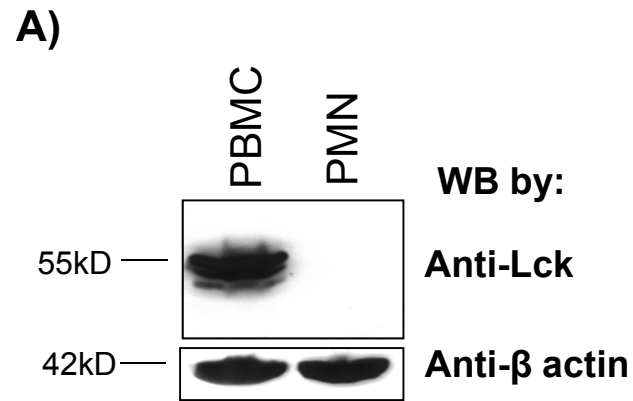


Figure 1. Lck is not expressed in neutrophils (PMN). A) Western blot detecting Lck in PMN and PBMC. B) Immunofluorescence labeling demonstrating that Lck is expressed in SIRP α -negative cells in PBMC, mainly lymphocytes, but not in SIRP α -positive monocytes or PMN. (Antibody against Lck was purchased from Cell Signaling Technology.) Note: SIRP α is restricted in myeloid lineages, including PMN, monocytes and dendritic cells, but not expressed in lymphocytes. Few Lck-positive cells detected in isolated PMN were likely due to an unavoidable contamination of PBMC. In general, PMN are separated from PBMC by Ficoll-Paque density gradient (used for this study) or gelatin sedimentation. The former method normally produces PMN of 90-95% purity while the latter method produces PMN of varied purity, between 70-90%. Expression of Lck in eosinophils was also reported (Stafford et al. *The Journal of Immunology*, 2002; Lynch et al. *Blood*, 2000) and may account for few Lck-positive cells in the preparation of PMN.

sFigure 1



B)

