



**SUPPLEMENTARY FIG. S3.** Characterization of *Pop#8*. Cytopsin of freshly sorted *Pop#8* revealed large cells with blastic appearance (**A**, scale bar: 50  $\mu$ m), showing intense peroxidase activity (**B**). *Pop#8* cells (*red dots*) (**C**) express no mesenchymal or endothelial-associated markers, which are usually detected in nonhematopoietic progenitors in vivo.