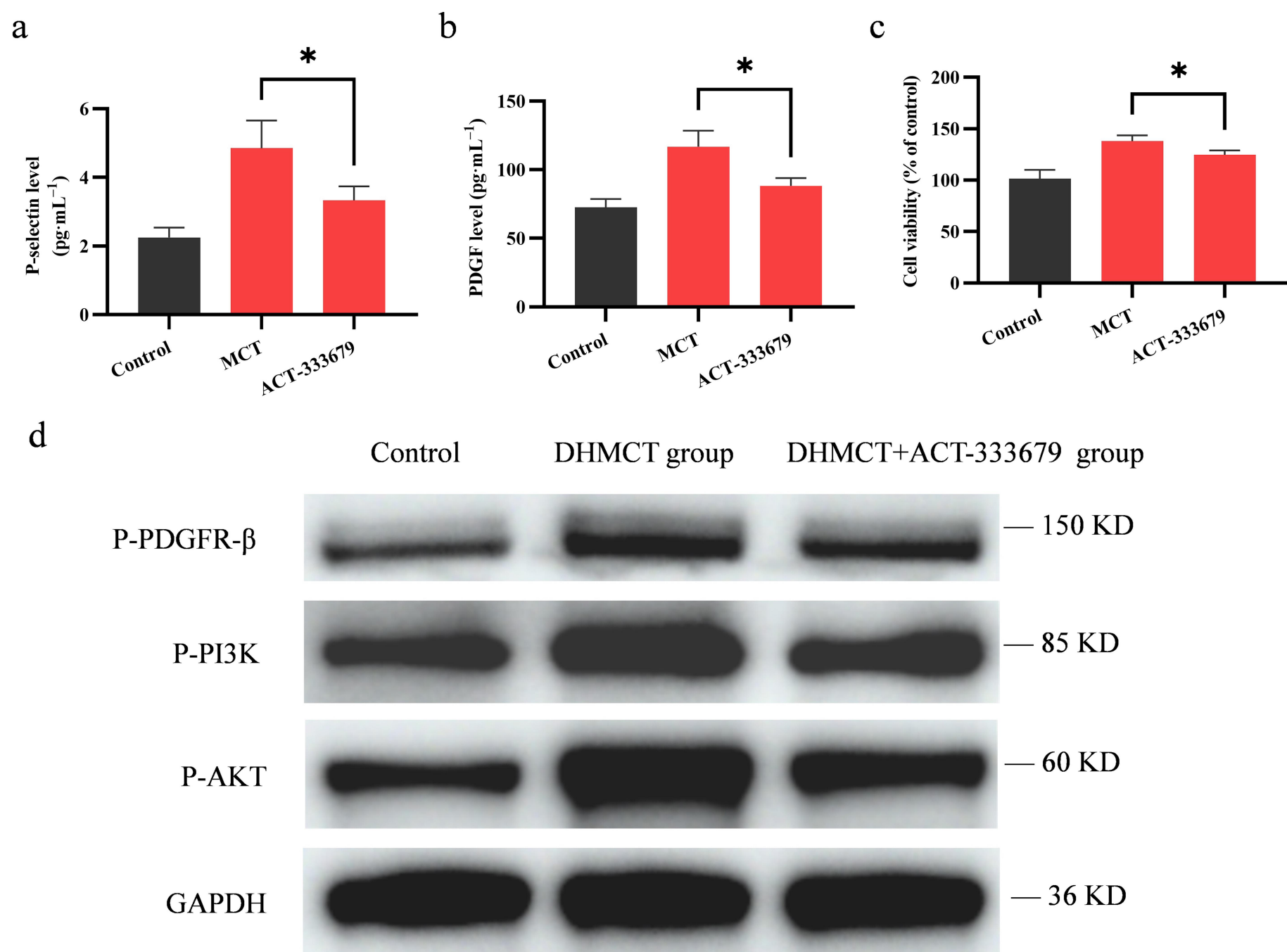




Supplementary Figure 3. DHMCT-activated platelets promote RPASMC proliferation through PDGF-mediated activation of the PDGFR/PI3K/AKT signaling pathway. Platelets isolated from untreated normal rats were co-cultured with rat pulmonary arterial smooth muscle cells (RPASMCs) and treated with vehicle, DHMCT, or DHMCT plus ACT-333679, the active metabolite of selexipag, for 24 h. **(a)** P-selectin concentrations in the culture supernatants, reflecting platelet activation. **(b)** PDGF concentrations in the culture supernatants, indicating platelet-derived PDGF release. **(c)** RPASMC proliferation assessed using the CCK-8 assay. **(d)** Representative Western blot analysis of phosphorylated PDGFR-β (p-PDGFR-β), PI3K (p-PI3K), and AKT (p-AKT) in RPASMCs, with GAPDH used as the loading control. Data are presented as mean ± SD ($n = 3$). * $P < 0.05$.