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Positive cells (% total cells)

ND

T2D

CD146

NG2

Nestin

CD73

PDGFRB

CXCL12

CD90

VEGFR2

VWF

VE-Cadherin

CD34

CD14

CD31

CD45

CD105

CD46

CD105 FITC

CD14 APC

CD31 PE-Cy7

CD45 APC-H70

CD34 FITC

(x10^3)
**a**

HUVEC + ND Pericyte CM
Isotype control

HUVEC + T2D Pericyte CM
Isotype control

**b**

![Graph showing tube length](image)

**c**

HUVEC + ND Pericyte CM
ANGPT2 blocking Ab

HUVEC + T2D Pericyte CM
ANGPT2 blocking Ab

**d**

![Graph showing tube length](image)
**ESM Fig. 1**

**Supplementary Figure 1. Western blot analysis of AKT.** (a) Blots showing the phosphorylation level of AKT in pericytes isolated from the BM of T2D and nondiabetic patients. Each lane corresponds to an individual cell line. (b-d) Bar graphs showing average results expressed as AKT/tubulin ratio. (e&f) Bar graphs showing average results expressed as pAKT/total AKT ratio. No significant difference was denoted in the comparison. Analysis was performed by Student’s t test.