**Supplementary Fig.S1.** The expression of VEGFR-3 detected by IF (A) and western blot (B) in LEC, LEC(shVEGFR-3) and HUVECs.

**Supplementary Fig. S2.** The saturation binding curve using the LECs with 1-40 nM of68Ga-DOTA-TMVP1.