

S4 Table. Other Model Parameters (for HUVECs)

Receptor species/ parameters	Value	Units	Reference
Cell membrane surface area	1000	μm^2	[41]
Rab4a/5a endosomes surface area	950	μm^2	see <i>S1 File</i>
Rab11a endosomes surface area	325	μm^2	see <i>S1 File</i>
VEGFR1 (cell surface)	1,800	receptors/cell	[25]
VEGFR2 (cell surface)	4,900	receptors/cell	[25]
NRP1 (cell surface)	68,000	receptors/cell	[25]