

## Major Resources Tables

### Animals

Species/Strain	Vendor or Source	Background Strain	Sex
Mouse, Wildtype	Jackson Laboratory	C57BL/6J	Male
Mouse, CSE -/-	C. Kevil Laboratory	C57BL/6J	Male

### Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration
Phospho-NF- $\kappa$ B (Ser536, p65 subunit)	Cell Signaling Technology	#3033	1:1000 (WB)
NF- $\kappa$ B (p65 subunit)	Cell Signaling Technology	#4764	1:1000 (WB)
NF- $\kappa$ B (p65 subunit)	Santa Cruz	Sc-109	0.1 $\mu$ g/ml (WB) 1 $\mu$ g/ml (ICC)
Phospho-ERK1/2 (Thr202/Tyr204)	Cell Signaling Technology	#4370	1:1000 (WB)
ERK1/2	Santa Cruz	Sc-94	0.1 $\mu$ g/ml (WB)
Phospho-eNOS (Ser1177)	Cell Signaling Technology	#9571	1:1000 (WB)
CSE	Proteintech	#12217-1-AP	0.35 $\mu$ g/ml (WB) 1.7 $\mu$ g/ml (IHC)
CBS	Abcam	Ab135626	1 $\mu$ g/ml (WB)
ICAM-1	Santa Cruz	Sc-1511	0.2 $\mu$ g/ml (WB)
VCAM-1	Abcam	Ab134047	0.44 $\mu$ g/ml (WB)
GAPDH	Cell Signaling Technology	#2118	1:25000 (WB)
$\beta$ -actin	Sigma	A2228	0.1 $\mu$ g/ml (WB)
$\beta$ -tubulin	Cell Signaling Technology	#2128	1:000 (WB)
von Willibrand Factor	Abcam	Ab11713	10 $\mu$ g/mL (IHC)
CD31	Santa Cruz	Sc-1506	4 $\mu$ g/mL (IHC)
Mac2	Accurate Chemical	CL8942AP	0.1 $\mu$ g/mL (IHC)
Smooth Muscle Actin	Sigma Aldrich	C6198	2.5 $\mu$ g/ml (IHC)
Rabbit IgG	Life Technologies (Thermo Fisher)	3900	1 $\mu$ g/ml (IHC)

### Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)
Human Aortic Endothelial Cells	Lonza	Male
Wildtype Mouse Aortic Endothelial Cells	C57Bl/6J, Jackson Labs	Unknown
CSE knockout Mouse Aortic Endothelial Cells	CSE <sup>-/-</sup> , C. Kevil Laboratory	Unknown

**qRT-PCR Primers**

Gene	Species	Forward	Reverse
$\beta$ 2- microglobulin	Mouse	TTCTGGTGCTTGTCTCACTGA	CAGTATGTTTCGGCTTCCCATT
Rpl13a	Mouse	ATGACAAGAAAAAGCGGATG	CTTTTCTGCCTGTTTCCGTA
ICAM-1	Mouse	GTGATGCTCAGGTATCCATCCA	CACAGTTCTCAAAGCACAGCG
VCAM-1	Mouse	TCAAAGAAAGGGAGACTG	GCTGGAGAACTTCATTATC