

## Major Resources Table

In order to allow validation and replication of experiments, all essential research materials listed in the Methods should be included in the Major Resources Table below. Authors are encouraged to use public repositories for protocols, data, code, and other materials and provide persistent identifiers and/or links to repositories when available. Authors may add or delete rows as needed.

### Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex	Persistent ID / URL
<i>Cd84<sup>-/-</sup></i> mice ( <i>Cd84<sup>tm1BeNl</sup></i> )	In house generated	C57Bl/6J	F/M	MGI:5753066; Hofmann <i>et al.</i> , JTH 2012
<i>Cd84<sup>fl/fl</sup></i> mice ( <i>Cd84<sup>tm1aBeNl</sup></i> )	In house generated	C57Bl/6J	F/M	This study
Pf4-Cre mice (Tg(Pf4-icre)Q3Rsko)	The Jackson Laboratory, bred in house	Backcrossed on C57Bl/6J	F/M	MGI:3764698; Jax-Stock:
<i>Rag1<sup>-/-</sup></i> mice (B6.129S7- <i>Rag1<sup>tm1Mom</sup></i> )	The Jackson Laboratory, bred in house	Backcrossed on C57Bl/6J	F/M	MGI:3582299; Jax-Stock:

### Antibodies

Target antigen (anti-mouse if not indicated otherwise)	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL
AccuCount Fluorescent Particles	Spherotech	ACFP 50-5	50 µl/Tube	AL01	<a href="https://www.spherotech.com/AccuCount.htm">https://www.spherotech.com/AccuCount.htm</a>
Albumin	Abcam	ab106582	1:1000		<a href="https://www.abcam.com/albumin-antibody-ab106582.html">https://www.abcam.com/albumin-antibody-ab106582.html</a>
Albumin	Abcam	Ab207327	1:200		<a href="https://www.abcam.com/albumin-antibody-epr20195-ab207327.html">https://www.abcam.com/albumin-antibody-epr20195-ab207327.html</a>
CCR4	BioLegend	131203	1:300		<a href="https://www.biolegend.com/en-us/products/pe-anti-mouse-cd194-ccr4-antibody-5379">https://www.biolegend.com/en-us/products/pe-anti-mouse-cd194-ccr4-antibody-5379</a>
CCR6	BD Biosciences	740441	1:200		<a href="https://www.bdbiosciences.com/ca/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/bv650-rat-anti-mouse-cd196-ccr6-140706/p/740441">https://www.bdbiosciences.com/ca/reagents/research/antibodies-buffers/immunology-reagents/anti-mouse-antibodies/cell-surface-antigens/bv650-rat-anti-mouse-cd196-ccr6-140706/p/740441</a>
CD11b	Serotec	MCA711	1:100		<a href="https://images.bio-rad-antibodies.com/datasheets/datasheet-MCA711.pdf">https://images.bio-rad-antibodies.com/datasheets/datasheet-MCA711.pdf</a>
CD11b	BioLegend	101225	1:400		<a href="https://www.biolegend.com/en-us/products/apc-cyanine7-anti-mouse-human-cd11b-antibody-3930">https://www.biolegend.com/en-us/products/apc-cyanine7-anti-mouse-human-cd11b-antibody-3930</a>
CD19	BioLegend	115541	1:300		<a href="https://www.biolegend.com/en-us/products/brilliant-violet-650-anti-mouse-cd19-antibody-7851">https://www.biolegend.com/en-us/products/brilliant-violet-650-anti-mouse-cd19-antibody-7851</a>

DOI [to be added]

CD3	BioLegend	100301	1:150		<a href="https://www.biolegend.com/en-us/products/purified-anti-mouse-cd3epsilon-antibody-28">https://www.biolegend.com/en-us/products/purified-anti-mouse-cd3epsilon-antibody-28</a>
CD31	Bio-Rad	MCA2388	1:100		<a href="https://images.bio-rad-antibodies.com/datasheets/datasheet-MCA2388.pdf">https://images.bio-rad-antibodies.com/datasheets/datasheet-MCA2388.pdf</a>
CD4	BioLegend	100506	1:50		<a href="https://www.biolegend.com/en-us/products/purified-anti-mouse-cd4-antibody-484">https://www.biolegend.com/en-us/products/purified-anti-mouse-cd4-antibody-484</a>
CD4	BioLegend	100547	1:300		<a href="https://www.biolegend.com/de-de/products/brilliant-violet-605-anti-mouse-cd4-antibody-7627">https://www.biolegend.com/de-de/products/brilliant-violet-605-anti-mouse-cd4-antibody-7627</a>
hCD42b	Thermo Fisher Scientific	MA1-21426	1:20		<a href="https://www.thermofisher.com/antibody/product/CD42b-Antibody-clone-SZ2-Monoclonal/MA1-21426">https://www.thermofisher.com/antibody/product/CD42b-Antibody-clone-SZ2-Monoclonal/MA1-21426</a>
CD45	BioLegend	103128	1:300		<a href="https://www.biolegend.com/en-us/products/alexa-fluor-700-anti-mouse-cd45-antibody-3407">https://www.biolegend.com/en-us/products/alexa-fluor-700-anti-mouse-cd45-antibody-3407</a>
CD84	In house generated	Clone: JER1	Saturating conditions for Flow cytometry, WB: 10 µg/ml		Hofmann <i>et al.</i> , JTH, 2012
hCD84	BioLegend	CD84.1.21	1:25		<a href="https://www.biolegend.com/en-us/products/pe-anti-human-cd84-antibody-3984">https://www.biolegend.com/en-us/products/pe-anti-human-cd84-antibody-3984</a>
CD8a	BioLegend	100731	1:300		<a href="https://www.biolegend.com/en-us/products/percp-anti-mouse-cd8a-antibody-4256">https://www.biolegend.com/en-us/products/percp-anti-mouse-cd8a-antibody-4256</a>
CD9	In house generated	Clone: ULF1	Saturating conditions		Nieswandt <i>et al.</i> , Blood, 2000
CLEC-2	In house generated	Clone: INU1	Saturating conditions		May <i>et al.</i> , Blood, 2009
CXCR3	BD Biosciences	562266	1:200		<a href="https://wwwbdbiosciences.com/us/applications/research/t-cell-immunology/th-1-cells/surface-markers/mouse/apc-hamster-anti-mouse-cd183-cxcr3-173/p/562266">https://wwwbdbiosciences.com/us/applications/research/t-cell-immunology/th-1-cells/surface-markers/mouse/apc-hamster-anti-mouse-cd183-cxcr3-173/p/562266</a>
GAPDH	Sigma-Aldrich	G9545	1:1000		<a href="https://www.sigmaaldrich.com/catalog/product/sigma/g9545?lang=de&amp;region=DE&amp;gclid=EAlaIQobChMI6s764IjR6QIVRLTtCh1dEgqAEAAAYASAAEgIp1vD_BwE">https://www.sigmaaldrich.com/catalog/product/sigma/g9545?lang=de&amp;region=DE&amp;gclid=EAlaIQobChMI6s764IjR6QIVRLTtCh1dEgqAEAAAYASAAEgIp1vD_BwE</a>
GPIbα	In house generated	Clone: p0p4	Saturating conditions		Bergmeier <i>et al.</i> , Blood, 2000
GPIIb/IIIa	In house generated	Clone: JON/A	Saturating conditions		Bergmeier <i>et al.</i> , Cytometry, 2002
GPIIb/IIIa	In house generated	Clone: JON6	Saturating conditions		Nieswandt <i>et al.</i> , Blood, 2000
GPIX	In house generated	Clone: p0p6	Saturating conditions		Nieswandt <i>et al.</i> , Blood, 2000
GPV	In house	Clone: DOM2	Saturating		Nieswandt <i>et al.</i> , Blood, 2000

	generated		conditions		
GPVI	In house generated	Clone: JAQ1	Saturating conditions		Nieswandt <i>et al.</i> , J Biol Chem, 2000
Integrin $\alpha$ 2	In house generated	Clone: LEN1	Saturating conditions		Nieswandt <i>et al.</i> , J Biol Chem, 2000
Integrin $\alpha$ 5	In house generated	Clone: BAR1	Saturating conditions		Grüner <i>et al.</i> , Blood, 2003
Integrin $\beta$ 3	In house generated	Clone: EDL1	Saturating conditions		Nieswandt <i>et al.</i> , Blood, 2000
LIVE/DEAD™ AQUA	Thermo Fisher Scientific	L34965	1:500		<a href="https://www.thermofisher.com/order/catalog/product/L34965#/L34965">https://www.thermofisher.com/order/catalog/product/L34965#/L34965</a>
Ly-6B	Bio-Rad	MCA771G	1:100		<a href="https://images.bio-rad-antibodies.com/datasheets/datasheet-MCA771G.pdf">https://images.bio-rad-antibodies.com/datasheets/datasheet-MCA771G.pdf</a>
Ly6G	BioLegend	127605	1:300		<a href="https://www.biolegend.com/en-us/products/fitc-anti-mouse-ly-6g-antibody-4775">https://www.biolegend.com/en-us/products/fitc-anti-mouse-ly-6g-antibody-4775</a>
Ly6G	BioLegend	127609	1:400		<a href="https://www.biolegend.com/nl-nl/products/alexa-fluor-647-anti-mouse-ly-6g-antibody-4780">https://www.biolegend.com/nl-nl/products/alexa-fluor-647-anti-mouse-ly-6g-antibody-4780</a>
NeuN	Merck	MAB377	1:500		<a href="https://www.merckmillipore.com/DE/de/product/Anti-NeuN-Antibody-clone-A60,MM_NF-MAB377">https://www.merckmillipore.com/DE/de/product/Anti-NeuN-Antibody-clone-A60,MM_NF-MAB377</a>
P-Selectin	In house generated	Clone: WUG 1.9	Saturating conditions		Schulte <i>et al.</i> , Blood, 2003
TUNEL	Sigma-Aldrich	12156792910	1:10		<a href="https://www.sigmaaldrich.com/catalog/product/roche/12156792910?lang=de&amp;region=DE">https://www.sigmaaldrich.com/catalog/product/roche/12156792910?lang=de&amp;region=DE</a>
$\beta$ -actin	Sigma-Aldrich	A5441	1:250000		<a href="https://www.sigmaaldrich.com/catalog/product/sigma/a5441?lang=de&amp;region=DE&amp;gclid=EAlaIqobChMIkZSh0PfG6QIVFomyCh0ksgoLEAAYASAAEgIli_D_BwE">https://www.sigmaaldrich.com/catalog/product/sigma/a5441?lang=de&amp;region=DE&amp;gclid=EAlaIqobChMIkZSh0PfG6QIVFomyCh0ksgoLEAAYASAAEgIli_D_BwE</a>

### DNA/cDNA Clones

Not applicable

### Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL
Primary brain microvascular endothelial cells	In house generated	M	n/a

### Data & Code Availability

Not applicable

DOI [to be added]

**Other**

<b>Description</b>	<b>Source / Repository</b>	<b>Persistent ID / URL</b>
CCL20	Pepro Tech	250-27
CD84 ELISA	Merck	RAB1353-1KT
CD84-Fc	in house generated	this study
GPVI-Fc	in house generated	Grüner <i>et al.</i> , Blood 2005
Human CD4+ T cell MACS Kit	Miltenyi Biotech	130-091-155
Ibidi Glass Bottom $\mu$ -Slides 8 well	Ibidi	80827
Ibidi $\mu$ -Slides VI0.4	Ibidi	80606
<i>Il-1<math>\beta</math></i>	Applied Biosystems	Mm 00434228_m1
<i>Mmp2</i>	Applied Biosystems	Mm 00439498_m1
<i>Mmp9</i>	Applied Biosystems	Mm 00442991_m1
Mouse CD4+ T cell MACS Kit	Miltenyi Biotech	130-104-454
PMA	Merck	P1585
Silicon rubber-coated 6.0 nylon monofilament	Docol	6021PK10
<i>Tnfa</i>	Applied Biosystems	Mm 00443258_m1