

<b>Antibodies (For IMC)</b>	<b>Company</b>	<b>Cat#</b>	<b>RRID number</b>
CD31	R&D	AF3628	RRID:AB_2161028
p-Tyrosine	Fluidigm	3144024D	NA
CD107b	Invitrogen	14-1072-85	RRID:AB_657562
TOP2b	R&D	MAB6348	RRID:AB_10889629
a-SMA	Fluidigm	3141017D	RRID:AB_2890139
Thioredoxin (Trx)	Proteintech	14999-1-AP	RRID:AB_2272597
CD11b	Fluidigm	3149028D	RRID:AB_2891189
p-PKCz (T410)	Abclonal	AP0520	RRID:AB_2771419
p-TERF2IP (S205)	Homemade		NA
p-AMPK alpha (T172)	Affinity Biosciences	AF3423	RRID:AB_2834865
CCR7	Biorbyt	orb547290	NA
Tyro3	R&D	MAB759	RRID:AB_2210988
Gas6	Abclonal	A8545	RRID:AB_2769575
p90RSK1	StressMarq	SPC-147F	RRID:AB_2253959
p-p90RSK (S380)	Bioworld	BS4870	NA
ERG	Biorbyt	orb192164	NA
p16	Abcam	ab54210	RRID:AB_881819
IL-6	R&D	AF-406-NA	RRID:AB_354478
Arginase-1	Fluidigm	3164027D	RRID:AB_2891145
p53	Abcam	ab131442	RRID:AB_11155283
vWF	Millipore	AB7356	RRID:AB_92216
Ki67	Fluidigm	3168022D	RRID:AB_2811061
DNMT3a	Novus	NB120-13888	RRID:AB_789607
p-ERK1/2	Fluidigm	3171021D	RRID:AB_2927686
p-JAK2	Abcam	ab219728	RRID:AB_219728
YAP	Abcam	ab56701	RRID:AB_2219140
p-YAP (Y357)	Abcam	ab62751	RRID:AB_956486
Ir DNA-intercalator	Fluidigm	201192A	NA
Ir DNA-intercalator	Fluidigm	201192A	NA
<b>Antibodies (For non-IMC)</b>	<b>Company</b>	<b>Cat#</b>	<b>RRID number</b>
p16	Biorbyt	orb228122	NA
phospho-ERK5 S496	Biorbyt	orb5183	RRID:AB_10934187
NRF2	Genetex	GTX103322	RRID:AB_1950993
thioredoxin	Proteintech	14999-1 AP20	RRID:AB_2272597
p90RSK	R&D Systems	MAB 2056	NA
a-tubulin	Sigma-Aldrich	T5168	RRID:AB_477579
phospho-ERK5 TEY	Cell Signaling Technology	3371	RRID:AB_2140424
ERK5	Cell Signaling Technology	3372	RRID:AB_330491
phospho-p90RSK	Cell Signaling Technology	9341	RRID:AB_330753
p21	Cell Signaling Technology	2947	RRID:AB_823586
p53	Cell Signaling Technology,	9282	RRID:AB_331476
DNMT3A	Novus Biologicals	NB12013888	RRID:AB_789607
TNF $\alpha$	Novus Biologicals	NBP1-19532	RRID:AB_1643202
53BP1	Novus Biologicals	NBP1-19532	RRID:AB_10003037
KLF2	Novus Biologicals	NBP2-61812	NA
Gas6	Bioss	BS-7549R	NA
heme oxygenase 1 (HO-1)	Abcam	ab13248	RRID:AB_2118663
CD36	Cayman chemicals	100011	RRID:AB_327790
AHR	Invitrogen	MA1-514	RRID:AB_2273723
PCNA	Invitrogen	13-3900	RRID:AB_86593
SUMO2/3	MBL Life Sciences	M114-3	RRID:AB_592769
Lamin B	LSBio	LS-C82208	RRID:AB_1655944

Mac3	BD biosciences	550292	RRID:AB_393587
Ki67	abcam	ab92742	RRID:AB_10562976
goat anti-rabbit	Thermofisher scientiifc	A-21038	RRID:AB_2535709
goat anti-mouse	Thermofisher scientiifc	A-21237	RRID:AB_2535806
F4/80	BD biosciences	565410	RRID:AB_10526888
CD11b	BD biosciences	553310	RRID:AB_394774
HRP - GAR	Novus Biologicals	NB7160	RRID:AB_524669
HRP - GAM	Novus Biologicals	NB7539	RRID:AB_10126266
anti-rabbit IgG	Abcam	ab37415	RRID:AB_2631996
<b>Cells</b>	<b>Company</b>	<b>Cat#</b>	<b>RRID number</b>
L929	ATCC	NCTC clone 929 CCL-1™	RRID:CVCL_0462
<b>Software Tools</b>	<b>Source</b>	<b>Cat#</b>	<b>RRID number</b>
Image J	SciCrunch Registry	<a href="https://imagej.net/">https://imagej.net/</a>	RRID:SCR_003070
Cuttdiff	SciCrunch Registry	<a href="http://cufflinks.cbcb.umd.edu/">http://cufflinks.cbcb.umd.edu/</a>	RRID:SCR_001647
GSEA	SciCrunch Registry	<a href="http://bioconductor.org/packages/devel/bioc/html/SegGSEA.html">http://bioconductor.org/packages/devel/bioc/html/SegGSEA.html</a>	RRID:SCR_005724
Flowjo	SciCrunch Registry	<a href="https://www.flowjo.com/solutions/flowjo">https://www.flowjo.com/solutions/flowjo</a>	RRID:SCR_008520
Graphpad prism	SciCrunch Registry	<a href="http://graphpad.com/">http://graphpad.com/</a>	RRID:SCR_002798
Geneexpression omnibus	SciCrunch Registry	<a href="https://www.ncbi.nlm.nih.gov/geo/">https://www.ncbi.nlm.nih.gov/geo/</a>	RRID:SCR_005012
<b>Mice</b>	<b>Company</b>	<b>Cat#</b>	<b>RRID number</b>
C57BL/6 WT	Jackson Laboratory	664	RRID:MGI:5658896
<b>Plasmids</b>	<b>Company</b>	<b>Cat#</b>	<b>RRID number</b>
pAAV/D377Y-mPCSK9	Addgene	Addgene_58376	RRID:Addgene_58376
pRL-TK	Addgene	Addgene_11313	RRID:Addgene_11313
<b>Instruments</b>	<b>Company</b>	<b>Cat#</b>	<b>RRID number</b>
Tissue processor- leica-TP1020	Leica	TP1020	NA
FLUOstar Omega	BMG LABTECH	415-101-AFL	NA