

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
WT littermates	JAX stock #013198	C57BL/6	Male	https://www.jax.org/cn/search-intl?q=miR-223y%2F-
miR-223 ^{y/-}	JAX stock #013198	C57BL/6	Male	https://www.jax.org/cn/search-intl?q=miR-223y%2F-
C57BL/6-Tg(PF4-icre)Q3Rsko/J	JAX stock #008535	C57BL/6	M/F	https://www.jax.org/cn/search-intl?q=pf4%2Fcre
B6.129(Cg)-Gt(ROSA)26Sor ^{tm4(ACTB-tdTomato,-EGFP)Luo/J}	JAX stock #007676	C57BL/6	M/F	https://www.jax.org/cn/search-intl?q=mtmg

Genetically Modified Animals (PF4-cre: mT/mG mice)

	Species	Vendor or Source	Background Strain	Other Information	Persistent ID / URL
Parent - Male	C57BL/6-Tg(PF4-icre)Q3Rsko/J	JAX stock #008535	C57BL/6	No. 008535	https://www.jax.org/cn/search-intl?q=pf4%2Fcre
Parent - Female	B6.129(Cg)-Gt(ROSA)26Sor ^{tm4(ACTB-tdTomato,-EGFP)Luo/J}	JAX stock #007676	C57BL/6	No. 007676	https://www.jax.org/cn/search-intl?q=mtmg

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL
ACTA2	Abcam	ab119952	1:1000	NA	https://www.abcam.com/alpha-smooth-muscle-actin-antibody-4a4-ab119952.html
CNN1	Abcam	ab46794	1:1000	NA	https://www.abcam.com/calponin-1-antibody-ep798y-ab46794.html
TAGLN	Abcam	ab170902	1:1000	NA	https://www.abcam.com/taglntransgelin-antibody-epr11995b-ab170902.html
OPN	Abcam	ab166709	1:1000	NA	https://www.abcam.com/osteopontin-antibody-7c5h12-ab166709.html
PCNA	Abcam	ab29	1:1000	NA	https://www.abcam.com/pcna-antibody-pc10-ab29.html
PDGFR β (for WB)	Abcam	ab32570	1:1000	NA	https://www.abcam.com/pdgfr-beta-antibody-y92-c-terminal-ab32570.html
α -tubulin	Abcam	ab52866	1:3000	NA	https://www.abcam.com/products?keywords=tubulin+52866

α -Actinin	Abcam	ab18061	1:3000	NA	https://www.abcam.com/products?keywords=alpha+Actinin+18061
PDGFR β (for IF)	Santa Cruz	sc-374573	1:50	NA	https://www.scbt.com/zh/p/pdgfr-beta-antibody-d-6
CD45	Abcam	ab 23910	1:100	NA	https://www.abcam.com/pdgfr-beta-antibody-y92-c-terminal-ab32570.html
smoothelin	Santa cruz	sc-376902	1:100	NA	https://www.scbt.com/p/smoothelin-antibody-c-8?requestFrom=search
FITC anti-mouse CD41	Biolegend	133903	1:100	NA	https://www.biolegend.com/en-us/products/fitc-anti-mouse-cd41-antibody-5896
MMP9	Abcam	ab38898	1:100	NA	https://www.abcam.com/mmp9-antibody-ab38898.html
Cleaved Caspase-3	Cell signaling	9579S	1:250	NA	https://www.cellsignal.com/products/primary-antibodies/cleaved-caspase-3-asp175-d3e9-rabbit-mab/9579?site-search-type=Products&N=4294956287&Ntt=9579s&fromPage=plp&requestid=2929027
Alexa Fluor 594-conjugated anti-ACTA2	Abcam	ab202510	1:200	NA	https://www.abcam.com/alpha-smooth-muscle-actin-antibody-epr5368-alexa-fluor-594-ab202510.html

DNA/cDNA Clones

Clone Name	Sequence	Source / Repository	Persistent ID / URL
N/A			

Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL
HCASMC	Cell Applications	unknown	https://www.cellapplications.com/human-coronary-artery-smooth-muscle-cells-hcasmc

Data & Code Availability

Description	Source / Repository	Persistent ID / URL
miRNA sequencing of platelets from patients with kawasaki disease(KD) and healthy controls	NCBI database	https://dataview.ncbi.nlm.nih.gov/object/PRJNA576349?reviewer=p6vck51k19t8fa37om7rh48ldo

Other

Description	Source / Repository	Persistent ID / URL
N/A		