

Supplementary information

Lymph node homeostasis and adaptation to immune challenge resolved by fibroblast network mechanics

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Antibody	Species	Dilution	Manufacturer	Product ID	Validation
Alexa Fluor 405	Donkey anti-rat	1:500(IF)	abcam	ab175670	
Alexa Fluor 488	Goat-Anti Rabbit	1:500 (IF)	Thermo Fischer Scientific	A-11034	
Alexa Fluor 488	Goat-Anti Hamster	1:500 (IF)	Thermo Fischer Scientific	A-21110	
Alexa Fluor 555	Goat-Anti Rabbit	1:500 (IF)	Thermo Fischer Scientific	A-21429	
Alexa Fluor 594	Donkey-Anti rabbit	1:500 (IF)	Abcam	ab150076	
Alexa Fluor 633 Phalloidin	Amanita phalloides	1:200 (IF), 1:500 (IF)	Thermo Fischer Scientific	A-22284	
Alexa Fluor 647	Goat-Anti Rabbit	1:500 (IF)	Thermo Fischer Scientific	A-21245	
Alexa Fluor 647	Goat-Anti Hamster	1:500 (IF)	Thermo Fischer Scientific	a-21451	
Alexa Fluor 647	Goat-Anti Rat	1:500 (IF)	Thermo Fischer Scientific	A-21247	
Alexa Fluor 700 CD3 Molecular complex	Anti-mouse	1:100 (Flow)	BD	561388	Validated by flow cytometry on mouse splenocytes
Anti-aggrus (Podoplanin) clone 8F11	Rat anti mouse	1:1000 (WB)	MBL international	D190-3	Validated by IF on whole mount mouse lung
APC Anti-CD25 [clone;PC61]	Anti-mouse	1:100 (Flow)	BioLegend	102012	Validated by Con A-stimulated (3-days) splenocytes
APC/Fire 750 cd31 [390]	Anti-mouse	1:100 (Flow)	BioLegend	102434	Validated by flow cytometry on C57BL/6 mouse splenocytes
Brilliant Violet 421 CD62L	Anti-mouse	1:100 (Flow)	BioLegend	104435	Validated by flow cytometry on C57BL/6 mouse bone marrow cells
Brilliant Violet 750TM CD45	Anti-mouse	1:100 (Flow)	BioLegend	103157	Validated by flow cytometry on C57BL/6 mouse splenocytes
BV421 MAdCAM-1 Clone MECA	Rat anti-mouse	1:100 (Flow)	BD	742812	Validated by flow cytometry on CHO-MAD7 cells
BV605 CD44	Anti-mouse	1:100 (Flow)	BD	563058	Validated by flow cytometry on C57BL/6 mouse bone marrow cells
Caveolin-1	Rabbit	1:1000 (IF)	Abcam	ab2910	Validated by IF in wild-type HeLa cells and CAV1 knockout HeLa cell lines
CD4 PE CF594 Clone RM4 5	Anti-mouse	1:100 (Flow)	BD	562285	Validated by flow cytometry on mouse splenocytes
DAPI		1:1000 (IF)	Sigma Aldrich	D9542-1MG	
EHD2	Rabbit	1:500 (IF)	Abcam	ab23935	Validated by IF of A431 cell line
FITC CD19	Anti-mouse	1:100 (Flow)	BioLegend	152403	Validated by flow cytometry on C57BL/6 mouse splenocytes
Histone H3	Mouse	1:2000 (WB)	Abcam	24834	Validated by Chromatin IP from HeLa cells
HRP anti mouse	Rabbit anti mouse	1:10000 (WB)	Abcam	ab6728	
HRP anti Rabbit	Goat anti rabbite	1:15000 (WB)	Abcam	ab6721	
HRP anti Rat	Rabbit anti Rat	1:5000 (WB)	Abcam	ab6734	
Ki 67 PE Cy7 Clone B56	anti-mouse	1:100 (Flow)	BD	561283	Validated by flow cytometry in proliferating Molt-4 and non-cycling human peripheral blood mononuclear cells (PMBC)
Ki67	Rabbit	(1:200) (IF)	Abcam	ab16667	Validated by IF in wild-type HAP1 cells and Ki67 knockout HAP-1 cells
PDPN	Hamster	1:500 (IF)	Acris	DM3501	Validated by IHC of mouse liver
PE-CF594 CD140a Clone APA5 (RUO)	Rat anti-mouse	1:100 (Flow)	BD	562775	Validated by flow cytometry on mouse fibroblast NIH/3T3 cells
PerCP-Cy5.5 CD8a	Anti-mouse	1:100 (Flow)	BD	561109	Validated by flow cytometry on mouse splenocytes
Perlecan AL76	Rat anti-mouse	1:100(IF)	Santa Cruz Biotechnology	sc-33707	Validated by IF on mouse eye frozen sections
Phospho-Ezrin(Thr567)/Radixin(Thr564)/Moesin(Thr558) (3141)	Rabbit	1:5000 (WB)	Cell signalling technologies	3141L	Validated with immunoblot of A431 cell lysate
Phospho-myosin light chain 2 (Ser 19)	Rabbit	1:30 (IF)	Cell signalling technologies	3671L	Validated by IF in HeLa cell lines and immunoblot with MLCK inhibitor ML-7
Podoplanin eFlour 660	Anti-mouse	1:100 (Flow)	eBioscience	50-5381-82	Validated by flow cytometry on TE-71 cell line
Zombie Aqua Fixable Viability Kit		1:1000 (Flow)	BioLegend	423102	

