

Materials List for:

Long-term Intravital Immunofluorescence Imaging of Tissue Matrix Components with Epifluorescence and Two-photon Microscopy

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Materials

Name	Company	Catalog Number	Comments
Mice Strain			
BALB/C mice (8-12 weeks)	Charles River		Orleans,France
C57/Bl6 Mice (8-12 weeks)	Harlan		Carshalton UK
Cell Line			
B16 F10 Melanoma expressing OVA-GFP			
Anesthesia Maintenance			
Isofluorane	Minrad Inc.	2222	Minrad Inc., Buffalo, NY
Humidified delivery system	Rothhacher GmbH		Berne, Switzerland
DC Temperature Control System	FHC Inc		Bowdoin, MA
Stereomicroscope			
Fluorescence stereomicroscope with a motorized stage .	M250 FA, Leica Microsystems CMS GmbH		Wetzlar, Germany
1X lens (linear system magnification from 7.5X to 160X)	Leica Microsystems CMS GmbH		Wetzlar, Germany
2X lens (linear system magnification from 15.6X to 320X)	Leica Microsystems CMS GmbH		Wetzlar, Germany
DFC 350 FX camera controlled by LAS AF software	Leica Microsystems CMS GmbH		Wetzlar, Germany
Multiphoton Microscopy			
LEICA SP5, two-photon multiplier, motorized stage	Leica Microsystems CMS GmbH		Wetzlar, Germany
HCX APO 20X/1.2 oil immersion			
Chameleon Ultra Laser			
Ringer's buffer (102 mM NaCl, 5 mM KCl, 2 mM CaCl ₂ , 28 mM sodium lactate)	B. Braun Medical AG	445968	Sempach, Germany
Aprotinin	Elastin	AP92	Owensville, MO
Thrombin	Sigma-Aldrich	T7326-1KU	Taufkirchen, Germany
Sodium ascorbate	Sigma-Aldrich	11140-50G	Taufkirchen, Germany
Mouse Serum raised against human IgG	Abcam	ab34834	Cambridge, UK
Collagen IV	Abcam	AB6581	Cambridge, UK
Perlacan	RnD	ab79465	Minneapolis, MN
Tenascin C	RnD	AF3358	Minneapolis, MN

Podoplanin	RnD	AF3244	Minneapolis, MN
LYVE-1	Reliatech	103-PA50	Wolfenbüttel, Germany
CCL21	RnD	AF457	Minneapolis, MN
Streptavidin Pacific Blue	Invitrogen	S11222	Grand Island, NY
Streptavidin Alexa 647	Invitrogen	S21374	Grand Island, NY
Streptavidin Alexa 488	Invitrogen	S11223	Grand Island, NY
Donkey Anti Goat 594	Invitrogen	A21113	Grand Island, NY
Donkey Anti Rabbit 594	Invitrogen	A21207	Grand Island, NY
CMPX CellTracker	Lifetechnologies	C34552	Carlsbad, California
Histocryl (surgical glue)	Braun Aesculap	1050060	Tuttlingen, Germany
Cell Culture Reagents			
Dulbecco's modified Eagle's medium (DMEM)	Gibco Invitrogen	E15-843	Grand Island, NY
Fetal bovine serum (FBS)	Gibco Invitrogen		Grand Island, NY
Trypsin	Gibco Invitrogen	25300062	Grand Island, NY
PBS	Gibco Invitrogen		Grand Island, NY