

Materials List for:

In Situ Immunofluorescent Staining of Autophagy in Muscle Stem Cells

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Materials

Name	Company	Catalog Number	Comments
C57BL/6J	The Jackson Laboratory	000664	WT mice
Cardiotoxin 1	Latoxan	L8102	
Millex-VV	Merck Millipore	SLVV033RS	Syringe Filter Unit, 0.1 µm, PVDF, 33 mm, gamma sterilized
Chloroquine diphosphate salt	Sigma-Aldrich	C6628	Caution: Harmful if swallowed
BD Micro-Fine + 0.5 mL	BD	324825	
Tissue-Tek O.C.T. compound	Sakura Finetek	25608-930	
Tissue-Tek Cryomold Intermediate	Sakura Finetek	4566	
2-Methylbutane	Sigma-Aldrich	277258	
Hematoxylin Solution, Harris Modified	Sigma-Aldrich	HHS32	
Eosin Y solution, alcoholic	Sigma-Aldrich	HT110132	
o-Xylene	Sigma-Aldrich	X1040	Caution: Flammable liquid and vapour; May be fatal if swallowed and enters airways; Harmful in contact with skin; May cause respiratory irritation; Causes serious eye irritation
Paraformaldehyde (PFA)	Sigma-Aldrich	P6148	Caution: Flammable solid; Harmful if swallowed; Causes skin irritation; May cause an allergic skin reaction; Causes serious eye damage; May cause respiratory irritation; Suspected of causing cancer
DPBS, no calcium, no magnesium	Thermo Fisher Scientific	14190-094	
Bovine Serum Albumin (BSA)	Sigma-Aldrich	A7030	
Glycerol	Sigma-Aldrich	G5516	
Eukitt - Quick-hardening mounting medium	Sigma-Aldrich	3989	
AffiniPure Fab Fragment Goat Anti-Mouse IgG (H+L)	Jackson ImmunoResearch	115-007-003	
LC3B Antibody	Cell signaling Technology	2775	
Monoclonal mouse anti-MyoD (concentrated) clone 5.8A	DAKO - Agilent Pathology Solutions	M3512	

Laminin-2 (α -2-chain) monoclonal antibody	Enzo Life Sciences	4H8-2	
Alexa Fluor 488 Goat Anti-Rabbit IgG (H+L)	Life technologies	A11008	
Alexa Fluor 594 Goat Anti-Mouse IgG (H+L)	Life technologies	A11005	
Alexa Fluor Goat Anti-Rat IgM Antibody	Life technologies	A21248	
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride)	Thermo Fisher Scientific	D1306	