

Major Resources Tables

Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex
Mouse	Clevers lab (Snippert HJ et al., Cell 2010)	<i>Confetti</i> : Mixed background C56Bl/6 & 129P2/OlaHsd-derived IB10/E14IB10 embryonic stem (ES) cells	Female
Mouse	Offermans lab (Wirth A et al., Nat Med 2008)	<i>Myh11-CreERT2</i> : C57Bl/6	Male
Mouse	Charles River	<i>ApoE</i> ^{-/-} : C57Bl/6	Male
Mouse	In house breeding (experimental animals)	<i>Myh11-CreERT2/ROSA26/Confetti</i> : Mixed background	Male
Mouse	In house breeding (experimental animals)	<i>ApoE</i> ^{-/-} / <i>Myh11-CreERT2/ROSA26/Confetti</i> : Mixed background	Male
Mouse	Noburo Mizushima (Hara T et al., Nature 2006)	<i>Atg5</i> ^{fl^{ox}/fl^{ox}} : C57Bl/6	Female
Mouse	Jax n°004746	<i>Tagln</i> ^{Cre+} : C57Bl/6	Male
Mouse	In house breeding (experimental animals)	<i>Tagln</i> ^{Cre+} / <i>Atg5</i> ^{fl^{ox}/fl^{ox}} : C57Bl/6	Male

Animal breeding

	Species	Vendor or Source	Background Strain	Other Information
Parent - Male	Mouse	In house breeding	<i>ApoE</i> ^{-/-} / <i>Myh11-CreERT2/ROSA26/</i>	
Parent - Female	Mouse	Clevers lab (Snippert HJ et al., Cell 2010)	<i>Confetti</i>	

Parent - Male	Mouse	Jax n°004746	<i>Tagln</i> ^{Cre+}	
Parent - Female	Mouse	Noburo Mizushima (Hara T et al., Nature 2006)	<i>Atg5</i> ^{fl^{ox}/fl^{ox}}	

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)
α SMA	Sigma	C6198	5-10 μ g/ml	
α SMA	Abcam	Ab125057	5-10 μ g/ml	
HMOX1	Abcam	ab219360	5-10 μ g/ml	
CD68	Biorad	MCA1957T	5-10 μ g/ml	
LAMP2	SantaCruz biotech	sc-19991	5-10 μ g/ml	
Atg16l1	Cell signaling technology	8089	5-10 μ g/ml	
LC3	Cell signaling technology	3868	5-10 μ g/ml	
Sqstm1/p62	Abcam	ab207305	5-10 μ g/ml	
Active caspase 3	Cell signaling technology	9579	5-10 μ g/ml	
IRE1 α	Cell signaling technology	3294	5-10 μ g/ml	
Ly6G	Thermofisher	14-5931-82	5-10 μ g/ml	
GRP78/Bip	Cell signaling technology	3177	5-10 μ g/ml	
TAGLN	Abcam	ab14106	5-10 μ g/ml	
CD45	Thermofisher Biolegend	17-0451-82 103139	5-10 μ g/ml	
CD31	Thermofisher	25-0311-82	5-10 μ g/ml	
CD90.2	BDbiosciences	564365	5-10 μ g/ml	
CD68	Biolegend	137021	5-10 μ g/ml	
LAMP2	Thermofisher	11-1072-81	5-10 μ g/ml	
Ter-119	Thermofisher	11-5921-85	5-10 μ g/ml	

Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)
WT and Atg5 KO SMCs	Primary culture	Females