

Materials List for:

Isolation & Characterization of Hoechst^{low} CD45^{negative} Mouse Lung Mesenchymal Stem Cells

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Materials

Name	Company	Catalog Number	Comments
Phosphate buffered saline (PBS)	Sigma-Aldrich	P-5368	
Hanks buffered salt solution (HBSS)	Thermo Fisher Scientific, Inc.	SH30588.01	
0.2% Worthington type 2 collagenase	Worthington Biochemical	LS004202	
Red blood cell lysis buffer	eBioscience	00-4333-57	
DMEM	Invitrogen	11965-092	
H-chst 33342 dye	Sigma-Aldrich	B2261	
CD45-APC	BD Biosciences	559864	
Propidium iodide	Sigma-Aldrich	81845	
a-MEM	Thermo Fisher Scientific, Inc.	SH30265.01	
FBS	Invitrogen	16000-069	
0.5% trypsin/EDTA	Cellgro	25-053-CI	
Complete MesenCult Medium	Stem Cell Technologies	05511	
0.4% w/v Giemsa staining solution	Sigma-Aldrich	GS1L	
4% paraformaldehyde	Electron Microscopy Sciences	15710	16% paraformaldehyde is diluted to 4% using PBS
Carboxyfluorescein succinimidyl ester (CFSE)	Sigma-Aldrich	21888	