

Materials List for

Live Fluorescence, Inverse Imaging of Cell Ruffling, and Macropinocytosis

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jove.com/video/62870

Materials

Name	Company	Catalog Number	Comments
2% Osmium Tetroxide	ProSciTech	EMS19192	
647-Transferrin	Molecular Probes, Invitrogen	T23366	
BV2 cells	Gift kindly given to us by Dr Liviu Bodea (Queensland Brain Institute)	-	
CpG (Class B) B	Integrated DNA Technologies	Custom Order	
Dextran Alexa Fluor 488 at 10 kDa MW	Life Technology Australia Pty Ltd	D22910	
Dextran Alexa Fluor 647 at 10 kDa MW	Life Technology Australia Pty Ltd	D22914	
Dextran Oregon Green 488 at 70 kDa MW	Life Technology Australia Pty Ltd	D1818	
Dextran Tetramethylrhodamine at 70 kDa MW	Life Technology Australia Pty Ltd	D7173	
DMEM medium with sodium pyruvate and L-glutamine	Gibco Invitrogen	#11995	
Fetal Calf serum	Interpath Services Pty Ltd	SFBS-F	
Glutaraldehyde aqueous solution, EM Grade 25%	ProSciTech	C002	
Jeol 1011 electron microscope	JEOL	-	
L-Glutamine	Gibco Invitrogen	25030081	
Lipofectamine 2000	Gibco Invitrogen	11668019	
MatTek Glass Bottom Dish 35 mm, uncoated grid	MatTek Corporation	P35G-2-14-CGRD	
MatTek glass bottom dishes 35 mm uncoated	MatTek Corporation	P35G-1.5-14C	
MDA-MB 231 cells	ATCC	HTB-26	
Opti-MEM reduced serum medium	Thermo Fisher Scientific	31985088	
Plasmid mCherry-2XFYVE	Gift kindly given to us by Dr Frederic Meunier (University of Queensland)	-	
Plasmid mCherry-PLCδ-PH	Gift kindly given to us by Dr Frederic Meunier (University of Queensland)	-	

Raw264.7 cells	ATCC	TIB-71	
RPMI medium 1640, without L-glutamine	Gibco Invitrogen	#21870	
Ultrapure LPS	Jomar Life Research Pte Ltd	TLR-3PELPS	
Uranyl Acetate	ProSciTech	C079	
Zeiss inverted LSM880 confocal microscope	Zeiss	-	