

Materials List for

High-Accuracy Correction of 3D Chromatic Shifts in the Age of Super-Resolution Biological Imaging Using Chromagnon

Atsushi Matsuda^{1,2}, Takako Koujin¹, Lothar Schermelleh³, Tokuko Haraguchi^{1,2}, Yasushi Hiraoka^{1,2}

¹Advanced ICT Research Institute Kobe, National Institute of Information and Communications Technology ²Graduate School of Frontier Biosciences, Osaka University ³Micron Advanced Bioimaging Unit, Department of Biochemistry, University of Oxford

Corresponding Author

Atsushi Matsuda
a.matsuda@nict.go.jp

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jove.com/video/60800

Materials

Name	Company	Catalog Number	Comments
16% formaldehyde solution	Polyscience	18814-10	
35 mm glass-bottom dish	MatTek	P35G-1.5-10-C	
Alexa Fluor 405 phalloidin	Thermo Fisher Scientific	A30104	
Alexa Fluor 488 phalloidin	Thermo Fisher Scientific	A12379	
Alexa Fluor 594 phalloidin	Thermo Fisher Scientific	A12381	
Bovine Serum	Thermo Fisher Scientific	16170078	
Coverslip	Matsunami	No. 1S HT	
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride)	Thermo Fisher Scientific	D1306	
Dulbecco's Modified Eagle Medium with L-Gln and sodium pyruvate	Nacalai Tesque	08458-16	
Mounting medium (VECTASHIELD)	Vector Laboratories	H-1000	
Mouse anti-tubulin monoclonal antibody (TAT1)			Described in Ref 15.
Nunc Lab-Tek II chambered coverglass (8 well)	Thermo Fisher Scientific	155409	
Rabbit anti-emerin polyclonal antibody (ED1)			A gift from Hiroshi Yorifuji, Gunma University, Gunma, Japan and Kiichi Arahata, National Center of Neurology and Psychiatry, Tokyo, Japan; deceased.
Secondary antibody with Alexa Fluor 488	Thermo Fisher Scientific	A-11034	
Secondary antibody with Alexa Fluor 555	Thermo Fisher Scientific	A-21424	
Secondary antibody with Alexa Fluor 594	Thermo Fisher Scientific	A-11032	
TetraSpeck Microspheres, 0.2 µm	Thermo Fisher Scientific	T7280	