

Materials List for:

Differential Labeling of Cell-surface and Internalized Proteins after Antibody Feeding of Live Cultured Neurons

Nissa L. Carrodus¹, Kathleen Sue-Lyn Teng^{*1}, Kathryn M. Munro¹, Matthew J. Kennedy², Jenny M. Gunnensen^{1,3}

¹Department of Anatomy & Neuroscience, The University of Melbourne

²Department of Neurobiology, Duke University Medical Center

³Florey Institute of Neuroscience & Mental Health, The University of Melbourne

*These authors contributed equally

Correspondence to: Jenny M. Gunnensen at jenny.gunnensen@unimelb.edu.au

URL: <https://www.jove.com/video/51139>

DOI: [doi:10.3791/51139](https://doi.org/10.3791/51139)

Materials

Name	Company	Catalog Number	Comments
PBS with Ca and Mg	Invitrogen	14040182	
Neurobasal medium	Invitrogen	21103-049	
B27 supplement	Invitrogen	17504-044	
L-Glutamine	Invitrogen	25030-081	
Papain Dissociation System	Worthington Biochemical Corporation	PDS	
Bovine Serum Albumin	Sigma Aldrich Australia	A9418	
Hank's balanced salt solution without calcium, magnesium, phenol red	Invitrogen (Gibco)	14175-079	
Poly-D-Lysine	Sigma Aldrich Australia	P0899	
Natural mouse laminin	Invitrogen	23017-015	Thaw on ice prior to making aliquots
Fetal bovine serum HyClone	Thermo Fisher		
Fluorodeoxyuridine	Sigma Aldrich Australia	F0503	
Uridine	Sigma Aldrich Australia	U3003	
18 mm Round glass coverslips	Menzel Gläser	CB00180RA1	
VECTASHIELD aqueous mounting medium	Vector Laboratories	H1400	
Donkey anti-rabbit Dylight 649	Jackson ImmunoResearch Laboratories	711-495-152	
AffiniPure F _{ab} fragment Goat anti-Rabbit 1gG (H+L)	Jackson ImmunoResearch Laboratories	111-007-003	
Paraformaldehyde	Sigma Aldrich Australia	P6148	TOXIC - handle in fume hood
Triton-X-100	Sigma Aldrich Australia	T8787	
Alexa Fluor 488-conjugated donkey anti-rabbit 2° antibody	Invitrogen - Molecular Probes	A21206	