

Visualization and Quantification of Endogenous Intra-Organellar Protein Interactions at ER-Mitochondria Contact Sites by Proximity Ligation Assays

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Materials

Name	Company	Catalog Number	Comments
1X Dulbecco's Phosphate Buffered Saline (1X DPBS)	Gibco	14190-094	
Ammonium chloride (NH ₄ Cl)	VWR	21236.291	
Bovine serum albumin (BSA)	Sigma	A7906	
Circular glass coverslips 13mm no. 1.5	Agar Scientific	L46R13-15	
CMXRos red MitoTracker	Invitrogen	M7512	red mitochondrial marker
Confocal inverted microscope SP8-X	Leica	DMI 6000	
Corning Costar TC-Treated 24-Well Plates	Merck	CLS3526	
Duolink In Situ Detection Reagents Green	Sigma	DUO92002	
Duolink In Situ Mounting Medium with DAPI	Sigma	DUO82040	
Duolink In Situ PLA Probe Anti-Mouse MINUS	Sigma	DUO92004	
Duolink In Situ PLA Probe Anti-Rabbit PLUS	Sigma	DUO92014	
Duolink In Situ Wash Buffers, Fluorescence	Sigma	DUO82049	
Gibco Opti-MEM I Reduced Serum Medium, GlutaMAX Supplement	Gibco	51985026	serum free medium
Imaris software v 9.3	Bitplane	N/A	cell imaging software
Incubator UINCU-line IL10	VWR	390-0384	
Microscope slide StarFrost (3" x 1")	Knittel Glass		
mouse anti-ORP8	Santa Cruz	134409	
Paraformaldehyde (PFA)	Sigma	P6148	
rabbit anti-ORP5	Sigma	HAP038712	

Saponin	Sigma	84510	
Ultra Pure Distilled Water, DNase/ RNase free	Invitrogen	10977-035	