

Materials List for:

# Protein Purification Technique that Allows Detection of Sumoylation and Ubiquitination of Budding Yeast Kinetochores Proteins Ndc10 and Ndc80

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## Materials

Name	Company	Catalog Number	Comments
Glass beads	BioSpec Products	11079105	0.5 mm diameter
Mini beadbeater	BioSpec Products	#693	8 cell disrupter
Ni-NTA superflow	Qiagen	30430	100 ml
Protease inhibitor cocktail	Sigma-Aldrich	P8215	1 ml
Anti-c-Myc agarose affinity gel antibody produced in rabbit	Sigma-Aldrich	A7470	1 ml
Monoclonal anti-Flag M2 antibody produced in mouse	Sigma-Aldrich	F1804	Primary antibody, dilution 1:1,000
c-Myc antibody (A-14)	Santa Cruz Biotechnology	sc-789	Primary antibody, dilution 1:5,000
Purified mouse antibody monoclonal 9E10	Covance	MMS-150P	Primary antibody, dilution 1:5,000
Ubiquitin (P4G7) monoclonal antibody	Covance	MMS-258R	Primary antibody, dilution 1:1,000
ECL Rabbit IgG, HRP-linked whole Ab	GE Healthcare Life Sciences	NA934V	Secondary antibody, dilution 1:5,000
ECL Mouse IgG, HRP-Linked Whole Ab	GE Healthcare Life Sciences	NA931V	Secondary antibody, dilution 1:5,000
DC protein assay	Bio-Rad	500-0116	
Nitrocellulose membrane	Novex	LC2001	0.45 mm pore size
NuPAGE 4-12% Bis-Tris Protein Gels	Novex	NP0321BOX	1.0 mm, 10 well
NuPAGE MES SDS Running Buffer	Novex	NP0002	20x
NuPAGE Transfer Buffer	Novex	NP0006-1	20x
SuperSignal West Pico Chemiluminescent Substrate	Thermo Scientific	34078	
10x PBS pH7.4	GIBCO	70011-044	
Blue sensitive X-Ray film	Dbio	DBOF30003	
Automatic developer	Kodak	M35AX-OMAT	
Nocodazole	Sigma-Aldrich	M1404	50 mg
MG-132	Selleck Chemicals	S2619	25 mg