

Materials List for:

# Detection and Visualization of DNA Damage-induced Protein Complexes in Suspension Cell Cultures Using the Proximity Ligation Assay

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URL: <https://www.jove.com/video/55703>

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## Materials

Name	Company	Catalog Number	Comments
BV173 cell line	DSMZ	AC-20	BCR-ABL+ B-ALL cell line
SUP-B15 cell line	DSMZ	ACC-389	BCR-ABL+ B-ALL cell line
Iscove's Modified Dulbecco's Medium (IMDM)	Gibco (Life Technologies)	21980-032	
Fetal Calf Serum	Sigma Aldrich	F7524	lot #: 064M3396
L-glutamine	Gibco (Life Technologies)	25030-024	
penicillin/streptomycin	Gibco (Life Technologies)	15140-122	
imatinib methanesulfonate	LC Laboratories	I-5508	Dissolve in DMSO, prepare 10 mM stock solution
neocarzinostatin	Sigma Aldrich	N9162	Mutagenic/teratogenic, handle with care
KU55933	Selleckchem	S1092	Dissolve in DMSO, prepare 5 mM stock solution
Starfrost Microscopy Slides	Waldemar Knittel	VA11200 003FKB	
PAP pen liquid blocker	Sigma Aldrich	Z377821-1EA	
Cytospin funnel	Q Path Labonord SAS	003411324	
Duolink In Situ Red Starter Kit Goat/Rabbit	Sigma Aldrich	DUO92105	Available for different species/ combinations, also available in FarRED, Orange and Green
goat-anti-ATM	Bethyl Laboratories	A300-136A	PLA-grade; we successfully used lot#A300-136A-1 in our studies
rabbit-anti-phospho-Ser15-p53	Cell Signaling Technology	9284	We successfully used lot #9284-4 in our studies
Vectashield antifading mounting medium with DAPI	Vector Labs	H-1200	
Vectashield antifading mounting medium	Vector Labs	H-1000	
4% paraformaldehyde in PBS	Santa Cruz Biotechnology	sc-281692	Also available from various other vendors