

Materials List for:

# Studying Proteolysis of Cyclin B at the Single Cell Level in Whole Cell Populations

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URL: <https://www.jove.com/video/4239>

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## Materials

Name	Company	Catalog Number	Comments
Reporter cell line	generated in-house as described <sup>6</sup>	clone 11 reporter cells (U2Os-based cyclin B-SNAP expressing cells)	
Retroviral cyclin B-SNAP expression vector	generated in-house as described <sup>6</sup>	pLNCX2-cyclin B mut5-SNAP	
Phenolred-free DMEM	Gibco	21063-029	Supplementation with FCS, sodium pyruvate, penicillin/strepto-mycin required
SNAP-Cell TMR-Star	New England Biolabs	S9105S	Stock solution 400 µM in DMSO
Special Opstics Plate, 96 well	Costar	3720	
µ-Slide 8 well, ibiTreat	Ibidi	80826	
Microscopy unit	Olympus	IX-81 inverse microscope with climate chamber	
Objective	Olympus	UPLSAPO 20x objective (N.A. 0.75)	
Acquisition software	Olympus	Scan <sup>^</sup> R Acquisition software (v.2.2.09)	
Analysis software	Olympus	Scan <sup>^</sup> R Analysis software (v.1.2.0.6)	