

Materials List for:

# Quantitative Immunofluorescence Assay to Measure the Variation in Protein Levels at Centrosomes

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## Materials

| Name  | Company                         | Catalog Number | Comments   |
|---|---------------------------------|----------------|--|
| Fibronectin   | Sigma                           | F8141          | Stock of 1 mg/ml in water                                  |
| DMSO  | Sigma                           | D2650          |  |
| MG115   | Sigma                           | SCP0005        | Stock of 10 mM in DMSO                                     |
| BrdU  | Sigma                           | B5002          | Stock of 10 mM in DMSO                                     |
| Anti-γ-tubulin (mouse monoclonal, clone GTU 88)       | Sigma                           | T 6557         | 1:200 in IIF blocking buffer                               |
| Anti-VDAC3 (rabbit polyclonal)                        | Aviva Systems Biology           | ARP35180-P050  | 1:50 in IIF blocking buffer, 1:1,000 in WB blocking buffer |
| Anti-Sas6 (mouse monoclonal)                          | Santa cruz biotechnology        | sc-81431       | 1:100 in IIF blocking buffer                               |
| Anti-Cep135 (rabbit polyclonal)                       | Abcam                           | ab-75005       | 1:500 in IIF blocking buffer                               |
| Anti-BrdU (rat monoclonal)                            | Abcam                           | ab6326         | 1:250 in IIF blocking buffer                               |
| Alexa Fluor 350 Goat Anti-Rat IgG (H+L)               | Life technologies               | A21093         | 1:200 in IIF blocking buffer                               |
| Alexa Fluor 488 Donkey Anti-Mouse IgG (H+L) Antibody  | Life technologies               | A21202         | 1:1,000 in IIF blocking buffer                             |
| Alexa Fluor 594 Donkey Anti-Mouse IgG (H+L) Antibody  | Life technologies               | A21203         | 1:1,000 in IIF blocking buffer                             |
| Alexa Fluor 488 Donkey Anti-Rabbit IgG (H+L) Antibody | Life technologies               | A21206         | 1:1,000 in IIF blocking buffer                             |
| Alexa Fluor 594 Donkey Anti-Rabbit IgG (H+L) Antibody | Life technologies               | A21207         | 1:1,000 in IIF blocking buffer                             |
| Anti-γ-tubulin (rabbit polyclonal)                    | Sigma                           | T5192          | 1:1,000 in WB blocking buffer                              |
| Anti-α-tubulin (mouse monoclonal, DM1A)               | Sigma                           | T9026          | 1:20,000 in WB blocking buffer                             |
| Alexa Fluor 680 Donkey Anti-Rabbit IgG (H+L)          | Life technologies               | A10043         | 1:10,000 in WB blocking buffer                             |
| Mouse IgG (H&L) Antibody IRDye800CW Conjugated        | Rockland antibodies             | 610-731-002    | 1:10,000 in WB blocking buffer                             |
| SlowFade Gold Antifade Reagent                        | Life technologies               | S36936         | Mounting media   |
| Round coverslips 12CIR.-1                             | Fisherbrand                     | 12-545-80      |  |
| Olympus IX-81 microscope                              | Olympus                         |                |  |
| Retiga ExiFAST 1394 IR camera                         | QImaging                        | 32-0082B-238   |  |
| 100X Plan Apo oil immersion objective                 | Olympus                         |                | 1.4 numerical aperture                                     |
| Slidebook software package                            | Intelligent Imaging Innovations |                |  |
| Odyssey IR Imaging System                             | Li-cor Biosciences              |                |  |
| Bicinchoninic acid (BCA) assay                        | Thermo Scientific               | 23227          |  |
| U-MNU2 Narrow UV cube                                 | Olympus                         | U-M622         | Filter   |

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|                          |         |        |        |
|--------------------------|---------|--------|--------|
| U-MNU2 Narrow Blue cube  | Olympus | U-M643 | Filter |
| U-MNU2 Narrow Green cube | Olympus | U-M663 | Filter |