

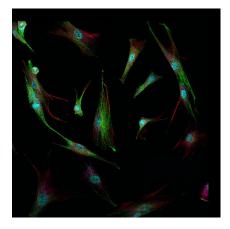
For customer or technical service, contact us: Clemson Light Imaging Facility Life Sciences Facility, Room G024 190 Collings Street Clemson, SC 29634 864.656.1264 imaging@clemson.edu clemson.edu/light-imaging

## PREPARED MICROSCOPE SLIDES

Catalog No.: SL-HFF4

Human Foreskin Fibroblasts- four color

Unit Size: Each

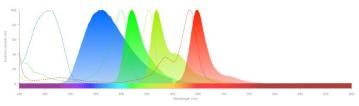


SAMPLE DESCRIPTION: This prepared slide features adherent human foreskin fibroblast cells stained with 4 colors. The cells have been immunostained with antibodies that decorate alpha-tubulin (488), vimentin (555), and an outer mitochondrial membrane protein Tomm20 (635). The nuclei are counterstained with DAPI. Peak excitation/emission wavelengths of the featured fluorophores are 350/470 nm, 499/520 nm, 553/568 nm, and 633/648 nm. The sample works well for widefield or confocal microscopy. Standard filter sets for blue/green/orange-red/far red imaging will work well for this sample. The sample was prepared in a hard mount with a refractive index of 1.47.

STORAGE: We suggest storing the prepared slide in the slide holder at 4-10°C. Protect from prolonged exposure to light.

SLIDE USE: This slide is intended for use by technically qualified individuals with appropriate training to handle potentially hazardous materials. It is meant to be used for demonstration purposes and should not be transferred to a third party.

SAMPLE CREDIT: Rhonda R. Powell, Ruxi Xia, Terri F. Bruce



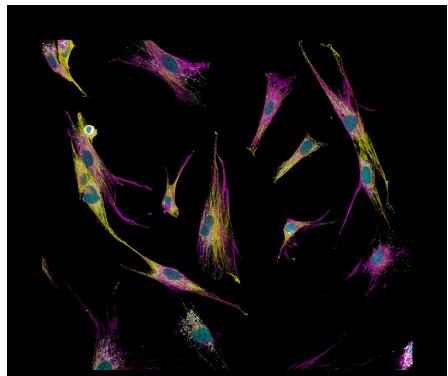




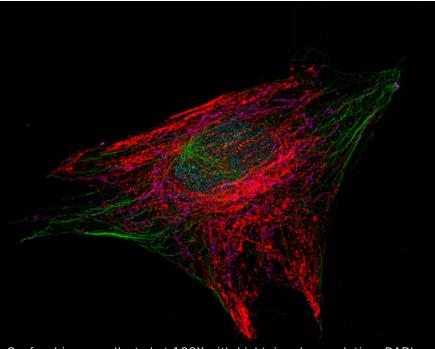


SpectraViewer details

More sample images



Confocal image collected at 20X with Lightning deconvolution. DAPI depicted in cyan, alpha-tubulin in yellow, vimentin in magenta, and Tomm20 in gray.



Confocal image collected at 100X with Lightning deconvolution. DAPI depicted in cyan, alpha-tubulin in green, vimentin in red, and Tomm20 in magenta.