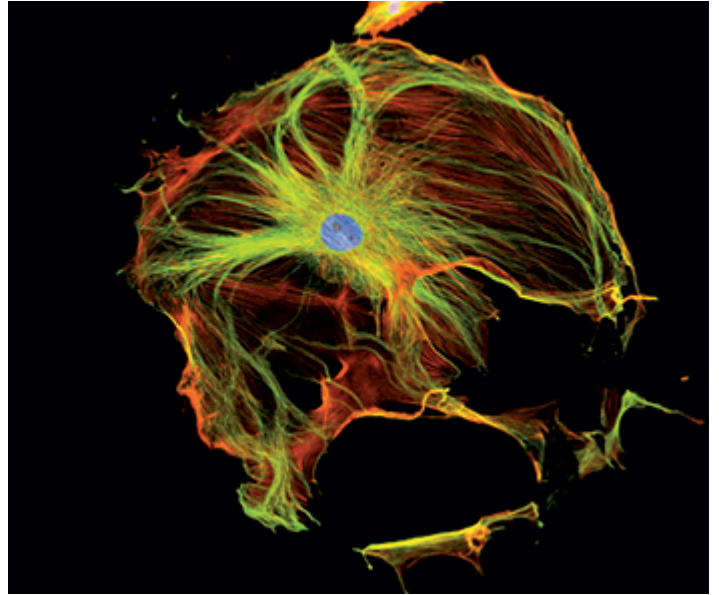


Mounting media with phalloidin, 4/15

April 2015—This special formulation of Vector Labs' VectaShield HardSet Mounting Medium, which prevents photobleaching of fluorescent proteins and fluorescent dyes, contains TRITC-phalloidin. Phalloidin is a bicyclic heptapeptide that specifically binds actin filaments within a cell. Fluorescent derivatives of phalloidin are used to stain actin filaments. Tetramethylrhodamine is excited at 544 nm and emits at 572 nm, producing an orange-red fluorescence. One or two drops are directly applied to the cell or tissue preparation. Actin filament architecture can then be viewed along with a contrasting fluorescent marker for a specific target antigen.



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