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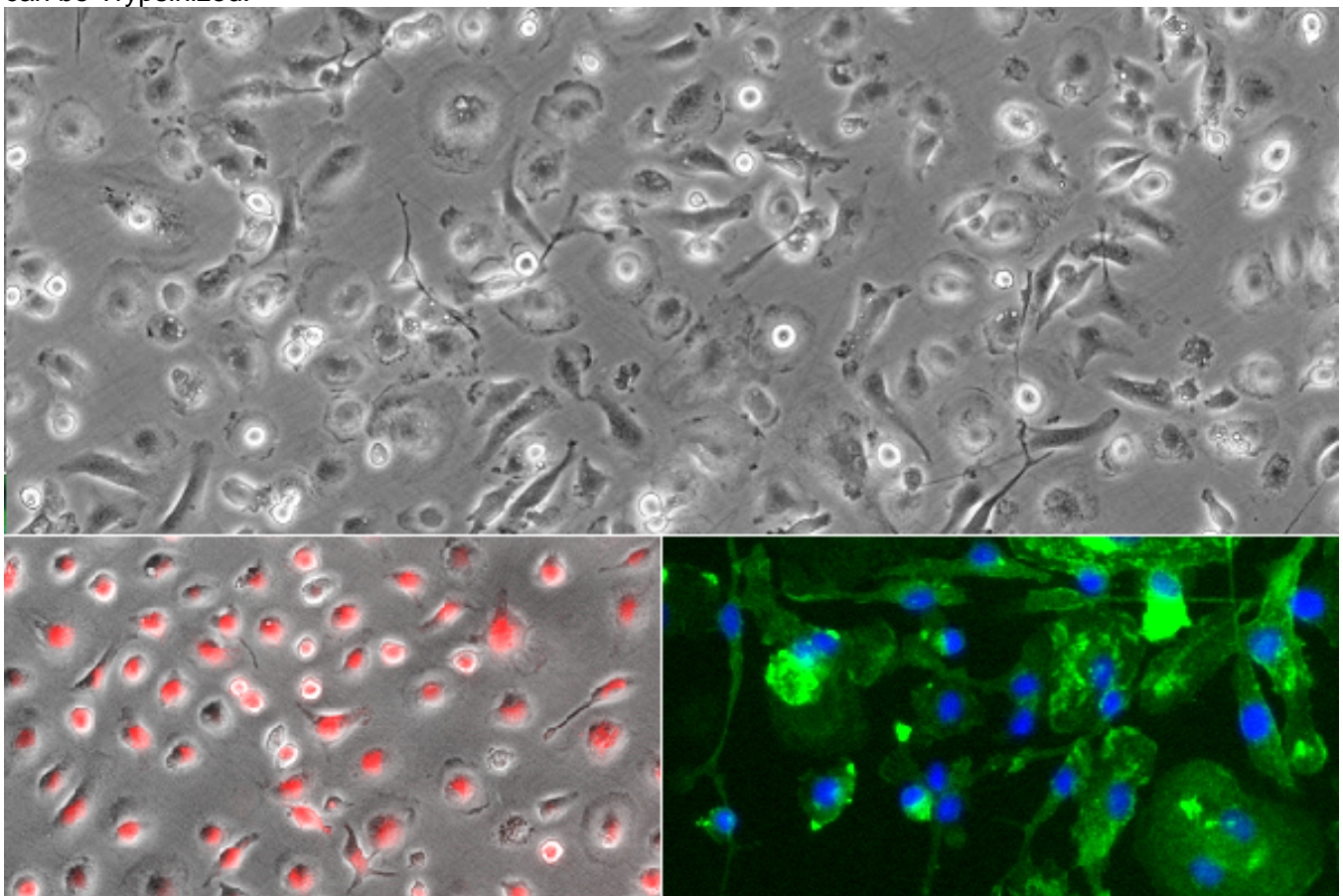
Dil-Ac-LDL Staining Kit

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Instructions 022K Dil-Ac-LDL

Description

Dil-Ac-LDL Kit: Acetylated (Ac), fluorescently-labeled low-density lipoprotein (LDL) binds to a receptor on the surface of vascular endothelial cells & macrophages, delivering cholesterol via endocytosis. This simple, one-step process permits cultured cells to be identified and analyzed by fluorescence microscopy or flow cytometry, and to be isolated from mixed cell populations. Because contaminating cell types are not labeled, pure cultures of vascular endothelial cells or macrophages can be isolated from complex primary cultures using fluorescent activated cell sorting (FACS). Dil Labeled Cells Remain Viable and can be Trypsinized.



(Click to Enlarge) Cryopreserved Rat Macrophages: RMcp (top) cultured for 2 days. Bottom: **Dil-Ac-LDL** (in red) uptake in cryopreserved RMcp cultured for 3 days (R). Cryopreserved RMcp cultured for 4 days stained for CD11b/c (in green) and DAPI (in blue) (R).

Products

Resources/Documents

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