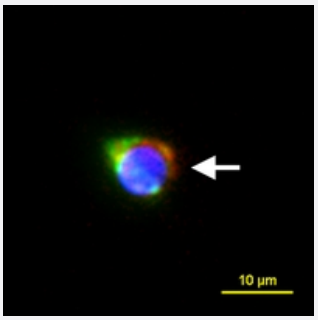
CytoQuest™ Lung Cancer CSV CSV CD45 CD133 Antibody Kit

Catalog # KA4969 Size 1 Kit

Applications



Immunofluorescence (Circulating Cancer Stem Cell)

Representative images of circulating lung cancer cells (white arrow) from patient with lung cancer. Circulating lung cancer cells were detected by using immunofluorescence staining for CSV (FITC, green), CD45 (PE, orange),CD133 (APC,red) and Nucleus (Hoechst 33342, blue).

Specification

Product Description	CytoQuest™ Lung Cancer CSV CSV CD45 CD133 Antibody Kit antibodies for immobilization and i mmunostaining of circulating lung cancer cells.
Instrument Requirement	CytoQuest™ CR
Chip Requirement	CytoChipNano

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Supplied Products	Kit content: 1. Anti-CSV capturing antibody (Biotin): Biotin conjugated Anti-CSV antibody for circulating lung cancer cell capturing. 2. Anti-CSV detecting antibody (FITC): FITC conjugated Anti-CSV antibody for circulating lung cancer cell detection. 3. Anti-CD45 detecting antibody (PE): PE conjugated Anti-CD45 antibody for circulating lung cancer cell detection. 4. Anti-CD133 detecting antibody: Anti-CD133 antibody for circulating lung cancer cell detection. 5. Secondary antibody (APC) 6. 50X Antibody Dilution Buffer (50X ADB). *Reagents are sufficient for 20 assays using recommended protocol.
Regulatory Status	For research use only (RUO)
Storage Instruction	Store Anti-CSV capturing antibody (Biotin), Anti-CSV detecting antibody (FITC), Anti-CD45 detectin g antibody (PE) and Secondary antibody (APC) at 4°C. Store 50X Anti-CD133 decteting antibody and Antibody Dilution Buffer (50X ADB) at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	Cell-Surface Vimentin (CSV) detecting antibody is best used before cell fixation and permeabilizatio n. If fixation is required, please use Abnova's Special Fixative. Cell-Surface Vimentin (CSV) antibody is a pending MD Anderson patent which has been exclusively licensed to Abnova Corporation.

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