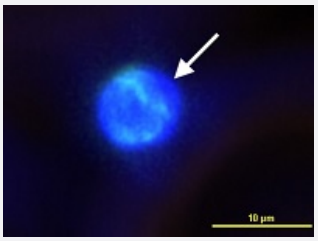
# CytoQuest™ CSV ERBB2 EGFR CD45 Antibody Kit

Catalog # KA5712 Size

## Applications



### Immunofluorescence (Circulating Tumor Cell)

Representative images of CTC (white arrow) from patient. CTCs were detected by using immunofluorescence staining for ERBB2 (Alexa 488, green), EGFR (Alexa 488, green), CD45 (PE, orange) and Nucleus (Hoechst, blue).

## Specification

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| **Product Description** | CytoQuest™ CSV ERBB2 EGFR CD45 Antibody Kit contains antibodies for immobilization and im munostaining of circulating tumor cells. |
| **Instrument Requirement** | CytoQuest™ CR |
| **Chip Requirement** | CytoChipNano |

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| **Supplied Products** | Kit content:<br>1. Anti-CSV capturing antibody (Biotin):<br>Biotin conjugated Anti-CSV antibody for CTC capturing.<br><br>2. Anti-ERBB2 detecting antibody:<br>Anti-ERBB2 antibody for CTC detection.<br><br>3. Anti-EGFR detecting antibody:<br>Anti-EGFR antibody for CTC detection.<br><br>4. Anti-CD45 detecting antibody (PE):<br>PE conjugated Anti-CD45 antibody for CTC detection.<br><br>5. Secondary antibody (Alexa 488).<br><br>6. 50X Antibody Dilution Buffer (50X ADB).<br><br>*Reagents are sufficient for 20 assays using recommended protocol. |
| **Regulatory Status** | For research use only (RUO) |
| **Storage Instruction** | Store Anti-CD45 detecting antibody (PE) at 4°C.<br><br>Store Anti-CSV detecting antibody (FITC), Anti-ERBB2 detecting antibody, Anti-EGFR detecting anti body, Secondary antibody (Alexa 488) and 50X Antibody Dilution Buffer (50X ADB) at -20°C.<br><br>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.<br><br>Cell-Surface Vimentin (CSV) antibody is a pending MD Anderson patent which has been exclusively licensed to Abnova Corporation. |

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