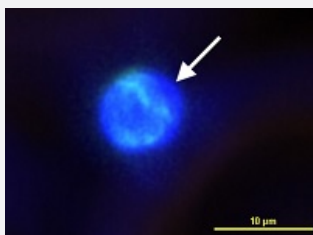


CytoQuest™ CSV ERBB2 EGFR CD45 Antibody Kit

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

Product Description

CytoQuest™ CSV ERBB2 EGFR CD45 Antibody Kit contains antibodies for immobilization and immunostaining of circulating tumor cells.

Instrument Requirement

[CytoQuest™ CR](#)

Chip Requirement

[CytoChipNano](#)

Supplied Product

Kit content:

1. Anti-CSV capturing antibody (Biotin):
Biotin conjugated Anti-CSV antibody for CTC capturing.

2. Anti-ERBB2 detecting antibody:
Anti-ERBB2 antibody for CTC detection.

3. Anti-EGFR detecting antibody:
Anti-EGFR antibody for CTC detection.

4. Anti-CD45 detecting antibody (PE):
PE conjugated Anti-CD45 antibody for CTC detection.

5. Secondary antibody (Alexa 488).

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-CD45 detecting antibody (PE) at 4°C.

Store Anti-CSV detecting antibody (FITC), Anti-ERBB2 detecting antibody, Anti-EGFR detecting antibody, Secondary antibody (Alexa 488) and 50X 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 permeabilization. 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.

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).