

# CytoQuest™ Renal Cancer B7-H3(CD276) CD105 CD45 Antibody Kit

Catalog # KA4577

Size 1 Kit

## Applications



### Immunofluorescence (Circulating Cancer Stem Cell)

Representative images of clear cell renal cancer stem cell (red arrow) and WBC (yellow arrow) from patient with clear cell RCC. Clear cell renal cancer stem cells were detected by using immunofluorescence staining for CD105 (FITC, green), CD45 (PE, orange) and Nucleus (DAPI, blue).

## Specification

### Product Description

CytoQuest™ Renal Cancer B7-H3(CD276) CD105 CD45 Antibody Kit contains antibodies for immobilization and immunostaining of circulating clear cell renal cancer stem cells.

### Instrument Requirement

[CytoQuest™ CR](#)

### Chip Requirement

[CytoChipNano](#)

### Supplied Product

Kit content:

1. Anti-B7-H3 (CD276) capturing antibody (Biotin):  
Biotin conjugated Anti-B7-H3 (CD276) antibody for clear cell renal cancer stem cells capturing.
2. Anti-CD105 detecting antibody (FITC):  
FITC conjugated Anti-CD105 antibody for clear cell renal cancer stem cells detection.
3. Anti-CD45 detecting antibody (PE):  
PE conjugated Anti-CD45 antibody for clear cell renal cancer stem cells detection.
4. 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-B7-H3 (CD276) capturing antibody (Biotin), Anti-CD105 detecting antibody (FITC) and Anti-CD45 detecting antibody (PE) at 4°C.

Store 50X Antibody Dilution Buffer (50X ADB) at -20°C.

Aliquot to avoid repeated freezing and thawing.

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- Immunofluorescence (Circulating Cancer Stem Cell)

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