



Miltenyi Biotec

## CD44 Antibody, anti-human, PE

Order no. 130-113-335

100 tests in 200 µL

One test corresponds to labeling of  $10^6$  cells in a final volume of 100 µL (applies only to flow cytometry).

For research use only

### Product format

Reagents are supplied in buffer containing stabilizer and 0.05% sodium azide.

### Storage

Store protected from light at 2–8 °C. Do not freeze.

<b>Clone</b>	DB105
<b>Clonality</b>	monoclonal
<b>Isotype</b>	mouse IgG1κ
<b>Isotype control</b>	Isotype Control Antibody, mouse IgG1
<b>Host</b>	mouse
<b>Type of antibody</b>	Primary antibodies
<b>Species reactivity</b>	human, non-human primate
<b>Cross-reactivity</b>	rhesus monkey ( <i>Macaca mulatta</i> )
<b>Antigen</b>	CD44
<b>Alternative names of antigen</b>	CSPG9, EMCR III, HCELL, HUTCH-I, CD44s, H-CAM, Pgp-1
<b>Molecular mass of antigen [kDa]</b>	79
<b>Distribution of antigen</b>	stem cells, chondrocytes, endothelial cells, epithelial cells, leukocytes, lymphocytes, myeloid leukemia cells, red blood cells, T cells, cancer stem cells, CNS cells, mesenchymal stem cells, plasma cells, ES and iPS cells, bone marrow, kidney, skeletal muscle, skin

## Applications

### Flow cytometry

Dilution: 1:50

The antibody is suited for staining of formaldehyde-fixed cells.

Data source: Miltenyi Biotec

Reported: [30069003](#) [31191663](#) [29928431](#) [25221643](#) [24335200](#) [27432228](#) [29925837](#) [30486409](#) [28138561](#)

Protocol: [Cell surface flow cytometry staining protocol \(PBS/EDTA/BSA 1:50\)](#)

### MICS (MACSima Imaging Cyclic Staining)

Dilution: 1:50

Fixation: frozen – PFA

Data source: Miltenyi Biotec

Compatible applications: IF, IHC, ICC

Protocol: [Protocol for MACSima™ Imaging Cyclic Staining](#)

### MICS (MACSima Imaging Cyclic Staining)

Dilution: 1:50

Fixation: frozen – Acetone

Data source: Miltenyi Biotec

Compatible applications: IF, IHC

Protocol: [Protocol for MACSima™ Imaging Cyclic Staining](#)

**MICS (MACSima Imaging Cyclic Staining)**

Dilution: 1:50

Fixation: FFPE

Data source: Miltenyi Biotec

Compatible applications: IF, IHC

Protocol: [Protocol for MACSima™ Imaging Cyclic Staining](#)

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