

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.

Clone

DB105

Clonality

monoclonal

Isotype

mouse IgG1κ

Isotype control

Isotype Control Antibody, mouse IgG1

Host

mouse

Type of antibody

Primary antibodies

Species reactivity

human, non-human primate

Cross-reactivity

rhesus monkey (*Macaca mulatta*)

Antigen

CD44

Alternative names of antigen

CSPG9, EMC9, HCELL, HUTCH-I, CD44s, H-CAM, Pgp-1

Molecular mass of antigen [kDa]

79

Distribution of antigen

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 (Quality Control)

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: PFA

Data source: Miltenyi Biotec (tested during development)

Compatible applications: IF, IHC, ICC

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

MICS (MACSima Imaging Cyclic Staining)

Dilution: 1:50

Fixation: Acetone

Data source: Miltenyi Biotec (tested during development)

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 (tested during development)

Compatible applications: IF, IHC

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

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