

CD133/1 Antibody, anti-human, PE

Order no. 130-113-670

30 tests in 60 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

AC133

Clonality

monoclonal

Isotype

mouse IgG1κ

Isotype control

Isotype Control Antibody, mouse IgG1

Host

mouse

Type of antibody

Primary antibodies

Species reactivity

human

Antigen

CD133/1

Alternative names of antigen

PROM1, AC133, CORD12, MCDR2, MSTP061, PROML1, RP41, STGD4

Molecular mass of antigen [kDa]

95

Distribution of antigen

epithelial cells, endothelial cells, stem cells, red blood cells, ES and iPS cells, hematopoietic stem and progenitor cells, brain, heart, kidney, liver, lung, placenta

Applications

Flow cytometry

Dilution: 1:50

Cells should be stained prior to fixation, if formaldehyde is used as a fixative.

Data source: Miltenyi Biotec (Quality Control)

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

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](#)

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