

CD44 Antibody, anti-mouse, VioBlue®

Order no. 130-116-495

30 µg in 200 µL

30 µg equal 100 tests. One test corresponds to labeling of up to 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

IM7.8.1

Clonality

monoclonal

Isotype

rat IgG2bk

Isotype control

Isotype Control Antibody, rat IgG2b

Host

rat

Type of antibody

Primary antibodies

Species reactivity

mouse, non-human primate, other

Cross-reactivity

rhesus monkey (*Macaca mulatta*), cynomolgus monkey (*Macaca fascicularis*), chimpanzee (*Pan troglodytes*), baboon, human, pig, cow, horse, cat, dog

Antigen

CD44

Alternative names of antigen

HERMES, Ly-24, Pgp-1, CD44s, EMCR III, H-CAM

Molecular mass of antigen [kDa]

83

Distribution of antigen

endothelial cells, T cells, red blood cells, stem cells, leukocytes, lymphocytes, 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: [28066432](#) [31216482](#)

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

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