Miltenyi Biotec

CD44 Antibody, anti-mouse, PE

Order no. 130-102-982

9 µg in 300 µL

9 µg equal 60 tests. One test corresponds to labeling of 10^6 cells in a final volume of 50 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 IgG2bκ
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	lymphocytes, endothelial cells, T cells, red blood cells, stem cells, leukocytes, cancer stem cells, CNS cells, mesenchymal stem cells, plasma cells, ES and iPS cells, bone marrow, kidney, skeletal muscle, skin

Applications

Flow cytometry
Dilution: 1:10
The antibody is suited for staining of formaldehyde-fixed cells.
Data source: Miltenyi Biotec
Protocol: Cell surface flow cytometry staining protocol (PBS/EDTA/BSA 1:10)
MICS (MACSima Imaging Cyclic Staining)
Dilution: 1:10
Fixation: frozen – PFA
Data source: Miltenyi Biotec
Compatible applications: IF, IHC
Protocol: Protocol for MACSima™ Imaging Cyclic Staining
MICS (MACSima Imaging Cyclic Staining)
Dilution: 1:10
Fixation: frozen – Acetone
Data source: Miltenyi Biotec
Compatible applications: IF, IHC
Protocol: Protocol for MACSima™ Imaging Cyclic Staining

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