Miltenyi Biotec

CD44 Antibody, anti-mouse, FITC

Order no. 130-126-116

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 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	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
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
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

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