

CD45 Antibody, anti-human, FITC

Order no. 130-113-679

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.

Warnings

Reagents contain sodium azide. Under acidic conditions sodium azide yields hydrazoic acid, which is extremely toxic. Azide compounds should be diluted with running water before discarding. These precautions are recommended to avoid deposits in plumbing where explosive conditions may develop.

Clone	5B1
Clonality	monoclonal
Isotype	mouse IgG2a
Isotype control	Isotype Control Antibody, mouse IgG2a
Host	mouse
Type of antibody	Primary antibodies
Species reactivity	human
Antigen	CD45
Alternative names of antigen	Ptprc, T200, LCA, LY5, L-CA, LY5, T200
Molecular mass of antigen [kDa]	145
Distribution of antigen	B cells, dendritic cells, granulocytes, stem cells, Langerhans cells, macrophages, mast cells, monocytes, T cells, stem cells, leukocytes, lymphocytes, basophils, hematopoietic stem and progenitor cells, plasma cells, thymocytes

Applications

Flow cytometry

Dilution: 1:50

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

Tested: QC tested

Reported: [18658052](#) [28545230](#) [28672920](#) [30687337](#) [23202434](#) [29089562](#) [25622566](#) [30323168](#) [23071634](#) [31004033](#) [26607845](#) [28049638](#) [29434921](#)

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

MICS (MACSima Imaging Cyclic Staining)

Dilution: 1:50

Fixation: PFA

Tested: during development

Compatible applications: IF, IHC

Protocol: [Protocol for MICS experiments](#)

MICS (MACSima Imaging Cyclic Staining)

Dilution: 1:50

Fixation: Acetone

Tested: during development

Compatible applications: IF, IHC

Protocol: [Protocol for MICS experiments](#)

MICS (MACSima Imaging Cyclic Staining)

Dilution: 1:50

Fixation: FFPE

Tested: during development

Compatible applications: IF, IHC

Protocol: [Protocol for MICS experiments](#)

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