

Monoclonal Antibody to CDw76 - Lyophilized

Catalog No.:	AM32370SU-N
Quantity:	1 ml
Host / Isotype:	Mouse / IgM
Clone:	BL-B8
Immunogen:	human B-cells
Format:	State: Lyophilized purified Ig fraction Preservatives: 0,09% sodium azide Reconstitution: Reconstitute with 1 ml (sterile) distilled water.
Applications:	Flow Cytometry. Immunofluorescence. Immunohistochemistry on frozen and paraffin sections.

It can be used for:

- Determination of peripheral B cells (CDw76+) in blood.
- Staining of CDw76+B-cells in tissue sections.
- Staining of a subpopulation of macrophages.
- Classification of lymphomas

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts with a B-cell antigen that is associated with CDw76. The antibody precipitates besides the glycoproteins of 85/67 kD of CDw76 also 34/37/43 kD components. The binding of the antibody is strongly inhibited by CDw76 reference antibodies. CDw76 is present on most mature, peripheral B lymphocytes, and on a small subpopulation of peripheral T-cells, monocytes and granulocytes. In tissue sections, also standard formalin-fixed and paraffin-embedded tissue, the antibody stains most B lymphocytes of primary follicles, whereas in secondary follicles the staining is restricted to mantle zone lymphocytes. Some macrophages may be labeled, especially in thymus cryostat sections.

Antigen distribution:

Peripheral blood lymphocytes 22±8%
T-cells (E+) 15±6%
B-cells (E-, Ig+) 90±5%
Monocytes (CD14+) 80±7%
Granulocytes 90±6%
NK-cells (CD16+) < 1%
Thymocytes < 1%

Species Reactivity: Tested: Human.

Storage: Store the antibody at 2-8°C.
Shelf life: one year from despatch.