



Category: Monoclonal Antibodies
Cat. # V6058
Product Name: CD10, CALLA

Description:

Monoclonal Mouse Anti-Human Common Acute Lymphoblastic Leukemia Antigen (CALLA), CD10

Immunogen:

RAJI (Burkitt's lymphoma) cells.

Application:

Immunofluorescence 5-20 ug/mL. Flow cytometry 1-5 ug/106 cells.
Immunohistochemistry 5-20 ug/mL on frozen sections using avidin-biotin system. The optimal dilution factors should be determined by the individual laboratory. This antibody was not quality controlled in flow cytometry.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Tonsil, Lymph Node, and Small Intestine

Presentation:

50 mM Sodium Borate, 150 mM Sodium Chloride, 20% Glycerol and 0.05% Sodium azide, pH 8.0.

Aliquoting Instructions:

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

Staining Procedure:

This antibody can be used on acetone fixed frozen cryostat sections.

Specificity:

This antibody reacts with human common acute lymphoblastic leukemia antigen, a 100 kD glycoprotein. It recognizes the neoplastic cells in acute lymphoblastic leukemia of the common type but does not recognize the majority of other types of acute leukemia

Storage:

Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.1 mg

Clone: B440 (CB-CALLA)

Isotype: IgG1

Host: Mouse

Form: Purified

Concentration: 0.5mg/ml

Units On Hand: YES

References:

1. Brown, B., et.al., J. Natl. Canc. Inst., 55:1281-1289, 1975.
2. Pezzutto, A., et.al., J. Immunol. 138: 2793, 1987.
3. Le Bien, T., McCormack, RT., Blood 73:625, 1989.
4. Tran_Paterson, R., et.al., Blood 76:775-782, 1990.
5. Shipp, M.A., Look, A.T., Blood 82: 1053, 1993.
6. Lavabre_Bertrand, T., et.al., Cytometry, 18:209-217, 1994.

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