



Category:
Monoclonal Antibodies

Cat. #
1107NF- V6013

Product Name:
CD10, CALLA - Purified

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. When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

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.

Storage:

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

Size: 0.2 mg

Clone: B396 (FR4D11)

Isotype: IgG1

Host: Mouse

Form: Purified

Concentration: .4 mg/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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