



**Category:**  
Monoclonal Antibodies

**Cat. #**  
1107NF- K016

**Product Name:**  
CD10, CALLA - Dehydrated

**Description:**

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

**Presentation:**

The K016 is supplied in two screw cap microtubes, labeled A and B. Tube A, which has an orange cap, contains 0.5 mL of dehydrated antibody reconstitution buffer. Tube B, which has a blue cap, contains the dehydrated concentrated monoclonal antibody. The light green color is the combination of No. 1 blue and No. 5 yellow food dyes, it serves as an indicator for the reconstitution procedure.

**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 an Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

**Staining Procedure:**

It is recommended that this product be used in frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory. This product is not suitable for use on formalin-fixed paraffin-embedded sections.

**Specificity:**

This antibody reacts with human common acute lymphoblastic leukemia antigen, a 100 kD glycoprotein.

**Storage:**

Refrigerate at 4°C. Do not freeze.

**Size:** 0.1 mg

**Clone:** SS2/36

**Isotype:** IgG1, k

**Host:** Mouse

**Form:** Dehydrated

**Units On Hand:** YES

**References:**

1. Jongeneel CV, Quackenbush EJ, Ronco P, Verroust P, Carrel S, Letarte M. Common acute lymphoblastic leukemia antigen expressed on leukemia and melanoma cell lines has neutral endopeptidase activity. *J. Clin Invest.* 83: 713-7, 1989.
2. Ritz J, Nadler LM, Bhan AK, Notis-McConarty J, Pesando JM, Schlossman SF. Expression of common acute lymphoblastic leukemia antigen (CALLA) by lymphomas of B-cell and T-cell lineage. *Blood.* 58: 648-52, 1981.
3. Fujimoto J, Ishimoto K, Kiyokawa N, Tanaka S, Ishii E, Hata J. Immunocytological and immunochemical analysis on the common acute lymphoblastic leukemia antigen (CALLA): evidence that CALLA on ALL cells and granulocytes are structurally related. *Hybridoma* 7: 227-36, 1988.

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