



Category: Monoclonal Antibodies **Cat. #** V6019 **Product Name:** Cdw17, Lactosylceramide - Purified

Description:

Monoclonal Mouse Anti-Human Lactosylceramide, CD17

Immunogen:

Immunoprecipitated complexes of human detergent PBL lysate and anti-b2m proteins.

Application:

Immunofluorescence 5-20ug/ml. Flow cytometry 1-5 ug/10⁶ cells. ELISA
Immunohistochemistry 5-10 ug/mL on frozen sections using avidin-biotin system. The optimal dilution factors should be determined by the individual laboratory.

Species Reactivity:

This antibody reacts with all species containing lactosylceramide. This antibody reacts weakly with lactoneotetraosylceramide.

Recommended Positive Control:

Tonsil, Lymph Node, Granulocytes, Platelets

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 frozen cryostat sections.

Specificity:

This antibody reacts with lactosylceramide (cer-Glc b1->4 Gal).

Storage:

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

Size: 0.2 mg

Clone: B392 (HuLy-m13)

Isotype: IgM

Host: Mouse

Form: Purified

Concentration: .4 mg/ml

Units On Hand: YES

References:

1. Lovering, K.E. "Characterization of the T-cell surface by monoclonal antibodies." PhD thesis, University of Melbourne, 1985.
2. Knapp, W. Leukocyte Typing IV, Oxford University Press, pp.810-811, 1989. Also see data on "M119", pp.861,874,877-879,897,907,923,925.
3. Fukoda, M.N., et.al. J. Biol. Chem. 261:2376, 1986.
4. Nudelman, E.D., et.al., J. Biol.Chem., 263:13, 942, 1988.

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