



Category: Monoclonal Antibodies **Cat. #** V6014 **Product Name:** CD11a, LFA-1, Alpha Chain - Purified

Description:

Monoclonal Mouse Anti-Human Leucocyte Function Associated-1 Antigen (LFA-1), CD11a

Immunogen:

Human KG-1 culture 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 quality controlled in flow cytometry.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Tonsil and Lymph Node

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.

Storage:

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

Size: 0.2 mg

Clone: B350 (DF 1524)

Isotype: IgG2b, k

Host: Mouse

Form: Purified

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Sanchez-Madrid, F., et.al., J. Exp. Med. 158:1785, 1987.
2. Dustin, M.L., Springer, T.A., Nature 341:619, 1989.
3. Knapp, B., et.al., Leukocyte Typing IV: sections N1 (pp.543-551), N1.1 (pp.551-553);N1.2(pp.553-554);N1.3(pp.555-558);N1.8(pp.566- 570);N1.9(pp.570- 574);N14.4(pp.689-693), 1989.
4. Larson, R.S., et.al., J. Cell. Biol. 108:703, 1989.
5. Arnaout, M., Immunol. Rev. 114, 145, 1990.

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