



Category: Monoclonal Antibodies
Cat. # V6015
Product Name: CD13, Myeloid Cell - Purified

Description:
Monoclonal Mouse Anti-Human Myeloid Cell, CD13

Immunogen:
Human KG-1 (myeloid) cultured 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 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. 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 CD13, a 150 kD cell surface glycoprotein. The CD13 antigen is identical to aminopeptidase N. The specificity of these antibodies are similar to those of WM-15 and My7.

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

Size: 0.2 mg
Clone: B347 (B-F10)
Isotype: IgG1, k
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Look, A.T., et.al., J. Clin. Invest. 75: 569, 1985.
2. Sakai, K., et.al., Cancer Res. 47:5572, 1987.
3. Look, A.T., et.al. J. Clin. Invest. 83: 1299, 1989.

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