



Category:
Monoclonal Antibodies

Cat. #
1107NF-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. 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 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: .4 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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