



Category:
Monoclonal Antibodies

Cat. #
V7085

Product Name:
CD7

Description:
Monoclonal Mouse Anti-Human CD7.

Immunogen:
Human leucocytes.

Cellular Localization:
Cell membrane.

Application:
Immunohistochemistry 1:50-1:100 on Acetone -fixed frozen sections only.
Flow cytometry 1:150-1:300.(not tested in our lab.)

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Tonsil, Thymus, Spleen

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

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 tissue sections. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with CD7, a 40kD type 1 transmembrane glycoprotein.

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

Size: 0.2mg
Clone: B473 (124-1D1)
Isotype: IgG1
Conjugate: n/a
Host: Mouse
Form: Purified
Mol. Wt. of Antigen: 40 kD
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Eisenberth, G.S. etal, J. Immunol. 124:1237, 1980.
2. Sutherland, D.R. etal, J. Immunol. 133:327, 1984.

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