



Category:
Monoclonal Antibodies

Cat. #
V7055

Product Name:
Thy-1, Rat Anti-Mouse (IBL)

Description:
Monoclonal Rat Anti-Mouse Thymocytes (Thy-1)

Immunogen:
EL-4 mouse T cell lymphoma cells.

Application:
Immunohistochemistry (Aceone-fixed frozen) 1:501:100
Flow 1:100-1:300)
IF -1:50-1:200
The optimum dilution should be determined by the individual lab.

Species Reactivity:
Mouse others not tested

Recommended Positive Control:
Mouse thymus

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

Specificity:
This antibody reacts with mouse Thy-1, a well characterized cell surface glycoprotein with a broad tissue distribution. Thy-1 is present on mouse brain, thymocytes, peripheral T-lymphocytes and some intraepithelial T-lymphocytes. This antigen is likely to play a role in the development and function of the nervous system.

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

Size: 0.2mg
Clone: B417 (IBL-1)
Isotype: IgG2b, k
Host: Rat
Form: Purified
Mol. Wt. of Antigen: 25 kD
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Beissert S et al. J Immunol. 1998, 161:5296-5302.
2. William, A. F and Gagnon, J. 1982, Science, 216: 696-703.

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