



Category:
Monoclonal Antibodies

Cat. #
V6005

Product Name:
CD4, T-cell - Purified- B379

Description:
Monoclonal Mouse Anti-Human T-cell, CD4

Immunogen:
CEM 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.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Human Lymph Nodes and Tonsils.

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 CD4 antigen, a single transmembrane 59 kD protein. This antibody serves as a receptor for HIV virus.

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

Size: 0.2 mg
Clone: B379 (JOU 4B7F4)
Isotype: IgM
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Viellette, A., et al., Nature 338:257, 1989.
2. Mazerolles, F., et al., Human Immunology 31:40-46, 1991.
3. Gaubin, M., et al., Eur. J. Clin. chem. Clin. Biochem., 34:723-728, 1996.

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