



Category: Monoclonal Antibodies **Cat. #** V6011 **Product Name:** CD8, T-cell - Purified- B334

Description:

Monoclonal Mouse Anti-Human T-cell, CD8

Immunogen:

E-rosette forming cells purified from human PBL.

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:

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 frozen cryostat sections as well as formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope.

Specificity:

This antibody reacts with a 32 kD molecule present on human suppressor/cytotoxic T-cells. These antibodies also react with sinus-lining cells in the human spleen.

Storage:

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

Size: 0.2 mg

Clone: B334 (H030-1.2)

Isotype: IgM

Host: Mouse

Form: Purified

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Reinherz, E.L., et.al., J. Immunol. 124: 1301, 1980.
2. Barber, E.K., et.al., Proc. Natl. Acad. Sci, USA, 86:3277, 1989.

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