



Category: Monoclonal Antibodies
Cat. # V6074
Product Name: CD45RA, B-cell

Description:

Monoclonal Mouse Anti-Human CD45RA recognizes a 220kD single chain glycoprotein which can differentiate between naïve and activated T-cells.

Immunogen:

Human B-cells

Application:

Immunofluorescence 5-20ug/ml. Immunohistochemistry 5-20gu/ml on frozen and formalin-fixed paraffin-embedded tissue sections using avidin-biotin system. Flow cytometry 1-5ug/10⁶ cells. Western Blotting 1-5ug/ml. An antigen demasking procedure is recommended when using formalinfixed paraffin-embedded tissue sections. The optimal dilution factors should be determined by the individual laboratory.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

B-cells, naïve cells, monocytes

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 frozen cryostat sections.

Specificity:

This antibody reacts with CD45RA, a 220kD single chain glycoprotein. This antibody can be used to stain B-cells, naïve cells, monocytes, and differentiate between T-cell and B-cell lymphomas.

Storage:

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

Size: 0.2 mg

Clone: B474((158-4D3)

Isotype: IgG2a

Host: Mouse

Form: Purified

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Alberola-Ila, J. etal, J. Immunol. 146:1085-1092, 1991.
2. McMicvhael, A.J. etal, Leucocyte Typing III, Oxford University Press, 1987.
3. Knapp, W. etal, Leucocyte Typing IV, Oxford UNiversity Press, 1989.

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