



Category: Monoclonal Antibodies **Cat. #** V3032 **Product Name:** CD29

Description:

Monoclonal Mouse Anti-Human CD29

Immunogen:

Human T cell lymphoma cell line.

Application:

Immunohistochemistry 1:50-1:100 on frozen sections and cell smears

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Tonsil or Lymph Node

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 and formalin-fixed paraffin-embedded tissue sections. When using with formalin-fixed paraffin-embedded tissue sections an antigen demasking treatment is recommended. 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 detects a 130 kD surface glycoprotein beta-chain of very late antigens (VLA), also known as fibronectin receptor, integrin beta1-chain, and platelet GpIIa.

Storage:

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

Size: 0.2 mg

Clone: B447 (Moon-d)

Isotype: IgG1

Host: Mouse

Form: Purified

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Hemler ME, Bodorova J, Kawaguchi S, Weitzman J, Kassner P in Schlossman SF et al, eds., Leucocyte Typing V. White Cell Differentiation Antigens, 1609-1612, 1995.
2. Modderman PW in Knapp W et al, eds., Leucocyte Typing IV. White Cell Differentiation Antigens, 1017-1019, 1989.
3. Hynes RO, Cell, 69: 12-25, 1992.

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