



Category: Monoclonal Antibodies **Cat. #** V1105 **Product Name:** CD61, Platelet Glycoprotein IIIa – Purified

Description:

This antibody reacts with platelet glycoprotein IIIa, a 110 kD glycoprotein present on human platelets and megakaryocytic progenitors. This antibody reacts with platelets, megakaryocytes, megakaryoblasts, endothelium, and osteoclasts.

Immunogen:

Phytohemagglutinin-stimulated Human Mononuclear Cells

Cellular Localization:

Cell Membrane

Application:

Immunohistochemistry (Paraffin/Frozen (acetone fixed)) 1:50-1:100, FLOW

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Lymphoid Tissues

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, 0.05% 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:

Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50 -1:100. The optimal conditions should be determined by the individual laboratory.

Storage:

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

Size: 0.2mg

Clone: B329(Y2/51)

Isotype: IgG1

Host: Mouse

Form: Purified

Concentration: 0.5mg/ml

Units On Hand: YES

References:

1. Gatter K.C., et al., Histopathol., 13: 257-67, 1988.
2. Kanz L., et al., Exp Hematol., 16: 741-7, 1988.

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