

Monoclonal Mouse Antibody to Human Platelet Glycoprotein IIIa, CD61

Description:

Immunogen: BALB/C mice were immunized with PHA-stimulated human mononuclear cells.

Clone: Y2/51.

Isotype: IgG1, Kappa.

Format: This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.

Specificity: This antibody recognizes a glycoprotein of 110 kD molecular weight present on human platelets and also reacts with megakaryocytes and megakaryoblasts. The antigen is also present on endothelium and osteoclasts. The glycoprotein IIIa molecule produced by endothelium cells is identical in sequence to platelet glycoprotein IIIa.

Titer/Working Dilution: This antibody may be diluted to a titer of 1:25-1:50 in an immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. This antibody is not compatible with Zenker and B5 fixed tissues. Enzymatic predigestion of paraffin embedded tissues is recommended prior to the immunostaining.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

- i) Gatter et al. Histopathol 13: 257, 1988.
- ii) Kanz et al. Exp Haematol 16: 741, 1988.
- iii) Zimrin et al. J Clin Invest 81: 1470, 1988.