

CD61 clone 2f2

Instructions for Use

Specification:

Antibody to CD61 labels the IIIa sub-unit of the non-covalently linked glycoprotein heterodimer IIb/IIIa complex present on human platelets and their precursors. This antibody is useful in identifying megakaryoblastic differentiation as seen in megakaryoblastic leukemia.

Availability:

Catalog No.	Contents	Volume
ILM1603-C01	CD61	0,1 ml concentrate
ILM1603-C05	CD61	0,5 ml concentrate
ILM1603-C1	CD61	1,0 ml concentrate

Intended use: For Research Use Only

Reactivity: Human

Clone: 2f2

Species of origin: Mouse

Isotype: IgG₁

Control Tissue: Bone Marrow

Staining: Cytoplasmic

Presentation: Mouse monoclonal antibody from supernatant diluted in tris buffered saline, pH 7.3-7.7, with protein base, and preserved with sodium Azide

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:50-1:100)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:50 - 1:100)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

- 1) Thiele J et al. Eur J Haematol 1990; 44:63-70
- 2) Thiele J et al. Virchows Archiv B Cell Pathol (1990) 58:295-302
- 3) Goldman BI et al. Modern Pathology 14:589-594 (2001)
- 4) Fox SB et al. 1990 Jul; 17(1):69-74
- 5) Duperray A et al. Blood. 1989 Oct; 74(5):1603-11
- 6) Campana D et al Leukemia. 1990 Sep; 4(9):620-4
- 7) Thiele J et al. Anal Quant Histol. 1990 Aug; 12(4):285-9