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## CD61 (Clone 2f2)

### Mouse Monoclonal Antibody

**Specificity:** Human. Others-not known

**Immunogen:** Recombinant protein encoding part of the external domain of human CD61

**Ig Class:** Mouse IgG1

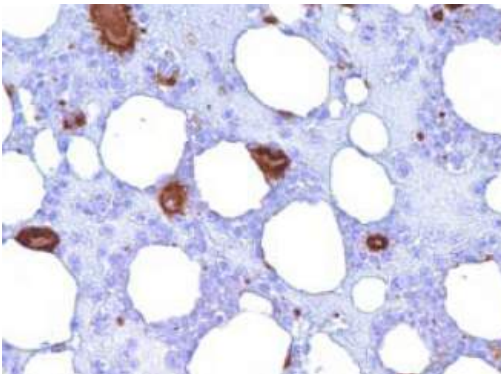
**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:25-100. *Positive Control:* Bone marrow or tonsil. *Cellular Localization:* Cell membrane/cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

**Description:** CD61 (GPIIIa) is a glycoprotein found on megakaryocytes, platelets and their precursors. CD61 antigen plays a role in platelet aggregation and also as a receptor for fibrinogen, fibronectin, von Willebrand factor and vitronectin.

**Comments:** Clone 2f2 will prove useful in detecting neoplastic platelet precursors, normal platelets and most cases of megakaryocytic leukemia.

**Supplied As:** Purified antibody with 0.2% BSA and 15mM sodium azide.



#### References:

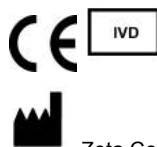
1. Thiele J, et al. *Eur J Haematol.* 1990; 44:63-70.
2. Thiele J, et al. *Virchows Archiv B Cell Pathol.* 1990; 58:295-302.
3. Fox SB, et al. *Histopathology.* 1990; 17:69-74.

*Formalin-fixed, paraffin-embedded human bone marrow stained with anti-CD61 antibody using peroxidase-conjugate and DAB chromogen. Note the cytoplasmic staining of megakaryocytes*

**Cat. #Z2135 (1.0 ml)**

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