

# Human CD61 (Integrin $\beta$ 3) Antibody – PE

## R-phycoerythrin (PE)

Monoclonal Antibody

### Product Information

**Product No.:** C194  
**Clone:** F11  
**RRID:** AB\_2829021  
**Isotype:** Mouse IgG1  
**Storage:** Sterile 2-8°C

### Product Description

#### Specificity:

Mouse Anti-Human CD61 (Clone F11) recognizes Human CD61. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype. Anti-CD61 recognizes the (Mr 110 kDa) common  $\beta$ -subunit of the gp IIb/IIIa complex and the vitronectin receptor (VNR). The gp IIb (CD41) antigen and the gp IIIa (CD61) antigen form the cell adhesion complex (gp IIb/IIIa) which is the receptor on platelets for fibrinogen, von Willebrand factor, fibronectin and vitronectin.

#### Antigen Distribution:

The CD61 antigen is present on virtually all resting and activated platelets. The antigen is also known to be present on endothelial cells, megakaryocytes and some leukemias of myeloid, erythroid and lymphoid origin.

#### Background:

Anti-CD61 can be used to identify platelets and megakaryocytes. It may also be used to characterize leukemias and in studies of cell adhesion molecules.

#### Known Reactivity Species:

Human

#### Format:

R-phycoerythrin (PE)

### Formulation

This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

### Storage and Stability

This R-PE conjugate is stable when stored at 2-8°C. Do not freeze.

### Country of Origin

USA

### References

1. Helfrich, M. N. *et al.* submitted for publication Phycobilliproteins are protected under the following patents: (U.S. patents No. 4,520,110 and 4,542,104, European patent no. 76695, Canadian patent No. 1,179,942 and Australian patent No. 548,440).