

## Purified Anti-Mouse/Rat CD61 Antibody[2C9.G2]

catalog number: AN009470P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

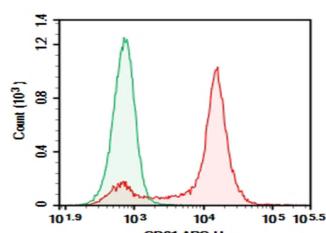
Reactivity	Mouse;Rat
Immunogen	Recombinant Mouse CD61 protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG1, κ
Clone	2C9.G2
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

FCM	2 µg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



Verified Samples in FCM: C57/BL6 Mouse bone marrow

### Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
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Shipping	Ice bag
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### Background

CD61 is a 110 kD integrin β chain also known as β3 integrin or gpIIa. It associates with the integrin αv chain (CD51) to form the vitronectin receptor. In addition, CD61 can associate with the integrin αIIb chain (CD41) to form the gpIIb/IIIa complex. CD61 is expressed on platelets, megakaryocytes, endothelium, smooth muscle, a subset of B cells, myeloid cells, osteoclasts, and mast cells. CD61, in conjunction with CD41 or CD51, mediates adhesion to fibronectin, fibrinogen, vitronectin, thrombospondin, and von Willebrand factor. Leukocyte-endothelial adhesion is mediated by the binding of αv/β3 integrin or vitronectin receptor to CD31 (PECAM-1).

### For Research Use Only

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