



Product Datasheet  
**CD61 monoclonal antibody (FITC)**  
Catalogue Code: AGIM0327

## Antibody Data

<b>Product SKU:</b>	AGIM0327	<b>Clone</b>	CLB-thromb/1, C17
<b>Applications:</b>	FC, IF	<b>Conjugate</b>	FITC
<b>Reactivity:</b>	Human		

## Immunogen Information:

**Host Species:** Mouse

**Isotype:** IgG1

**Storage:** Store at 4 °C. Avoid prolonged exposure to light.

## Background:

CD61 (beta3 integrin) is a transmembrane glycoprotein, which associates with CD41 or CD51 molecules to form heterodimeric adhesion receptors. CD41/CD61 complex is one of the earliest markers of the megakaryocytic lineage. It binds to fibronectin, fibrinogen and von Willebrand factor, and is involved in platelet aggregation. CD51/CD61 complex has similar binding properties and is involved in modulating migration and survival of angiogenic endothelial cells. CD61 is a useful marker of megakaryoblasts and megakaryoblastic leukaemias and inhibits binding of ligand (fibrinogen, fibronectin, etc.). This antibody has been clustered to CD61 in the Fourth, Fifth and Sixth International Workshop on Human White Cell Differentiation Antigens.