

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Integrin β 3/CD61 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Integrin β 1, β 2, recombinant mouse Integrin β 4, or β 6 is observed.
Source	Monoclonal Mouse IgG _{2A} Clone # 256809
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Integrin β 3/CD61 Gly27-Asp718 Accession # P05106
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 μ g/10 ⁶ cells	Human peripheral blood mononuclear cells

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Integrin β 3, also called CD61, associates with the Integrin α IIb or α V subunits to form heterodimeric receptors for collagens, fibronectin, vitronectin, fibrinogen, Von willebrand factor or thrombospondin. α IIb/ β 3, also known as GPIIb/IIIa (Glycoprotein IIb-IIIa), is expressed on platelets. α V/ β 3, also known as vitronectin receptor, is expressed on endothelial cells, some B cells, platelets and monocytes.

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