

## DESCRIPTION

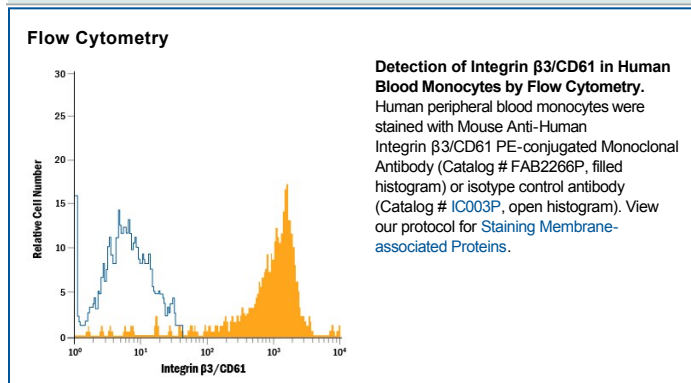
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Integrin $\beta 3$ /CD61 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Integrin $\beta 1$ , $\beta 2$ , recombinant mouse Integrin $\beta 4$ , or $\beta 6$ is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 256809
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Chinese hamster ovary cell line CHO-derived recombinant human Integrin $\beta 3$ /CD61 Gly27-Asp718 Accession # P05106
<b>Conjugate</b>	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm
<b>Formulation</b>	Supplied 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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	10 $\mu$ L/10 <sup>6</sup> cells	See Below

## DATA



## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> ● 12 months from date of receipt, 2 to 8 °C as supplied.

## BACKGROUND

Integrin  $\beta 3$ , also called CD61, associates with the Integrin  $\alpha$ IIb or  $\alpha$ V subunits to form heterodimeric receptors for Collagens, Fibronectin, Vitronectin, Fibrinogen, Von Willebrand factor or Thrombospondin.  $\alpha$ IIb/ $\beta 3$ , also known as GPIIb/IIIa (Glycoprotein IIb-IIIa), is expressed on platelets.  $\alpha$ V/ $\beta 3$ , also known as Vitronectin Receptor, is expressed on endothelial cells, some B cells, platelets and monocytes.