

## DESCRIPTION

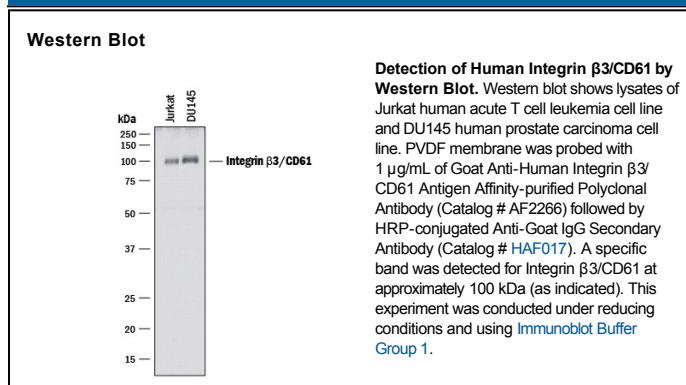
<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Integrin $\beta$ 3/CD61 in direct ELISAs and Western blots. In direct ELISAs, approximately 5% cross-reactivity with recombinant human (rh) Integrin $\beta$ 2 and recombinant mouse (rm) Integrin $\beta$ 6 is observed and less than 1% cross-reactivity with rhIntegrin $\beta$ 1 and rmIntegrin $\beta$ 4 is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	Chinese hamster ovary cell line CHO-derived recombinant human Integrin $\beta$ 3/CD61 Gly27-Asp718 Accession # P05106
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 $\mu$ m filtered solution in PBS.

## 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
<b>Western Blot</b>	1 $\mu$ g/mL	See Below
<b>Flow Cytometry</b>	0.25 $\mu$ g/ $10^6$ cells	Human peripheral blood mononuclear cells
<b>CytoF-ready</b>	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## 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.