

# Anti-Integrin Beta 3 (GPIIIa, CD61) [AP-2]

**Catalogue number:** 153745

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Richard Aster

**Institute:** Versiti Blood Research Institute

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Integrin Beta 3 (GPIIIa, CD61) [AP-2]

**Alternate name:** CD-61

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Glycoprotein IIb/IIIa, also known as integrin  $\alpha\text{IIb}\beta_3$  is an integrin complex found on platelets. The complex acts as a receptor for both fibrogen and von Willebrand factor and helps in platelet activation. Defects in glycoprotein IIb/IIIa cause Glanzmann's thrombasthenia, which is an abnormality in the platelets, or bleeding disorder.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:**

**Selectivity:**

**Host:** Mouse

**Immunogen:** Human platelet

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Integrin Beta 3 (GPIIIa, CD61)

**Target alternate names:**

**Target background:** Glycoprotein IIb/IIIa, also known as integrin  $\alpha$ IIb $\beta$ 3 is an integrin complex found on platelets. The complex acts as a receptor for both fibrogen and von Willebrand factor and helps in platelet activation. Defects in glycoprotein IIb/IIIa cause Glanzmann's thrombasthenia, which is an abnormality in the platelets, or bleeding disorder.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; FACS

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Goldberger et al. 1994. J Biol Chem. 269(25):17183-91. PMID: 8006026. ; Biosynthesis and processing of the cell adhesion molecule PECAM-1 includes production of a soluble form.

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