

Anti-Integrin Beta 3a (GP111a, CD61) [MBC 319.4]

Catalogue number: 153748

Sub-type:

Images:

Contributor

Inventor: Richard Aster

Institute: Versiti Blood Research Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Integrin Beta 3a (GP111a, CD61) [MBC 319.4]

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: IgG2b

Reactivity:

Selectivity:

Host: Mouse

Immunogen: EGF repeats

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Integrin Beta 3a (GPIIIa, CD61)

Target alternate names:

Target background: Glycoprotein IIb/IIIa, also known as integrin α IIb β 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: ~ 86-87 kDa

IC50:

Applications

Application: 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: Honda et al. 1995. J Biol Chem. 270(20):11947-54. PMID: 7538128. ; Topography of ligand-induced binding sites, including a novel cation-sensitive epitope (AP5) at the amino terminus, of the human integrin beta 3 subunit.

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