Integrin Beta-3 Antibody (Y785)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AE1017b

Specification

Integrin Beta-3 Antibody (Y785) - Product Information

<table>
<thead>
<tr>
<th>Application</th>
<th>WB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Accession</td>
<td>P05106</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Human, Mouse</td>
</tr>
<tr>
<td>Host</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Clonality</td>
<td>Polyclonal</td>
</tr>
<tr>
<td>Concentration</td>
<td>1mg/ml</td>
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<tr>
<td>Isotype</td>
<td>Rabbit IgG</td>
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<tr>
<td>Calculated MW</td>
<td>87058</td>
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</tbody>
</table>

Integrin Beta-3 Antibody (Y785) - Additional Information

Gene ID 3690

Other Names
Integrin beta-3, Platelet membrane glycoprotein IIla, GPIIIa, CD61, ITGB3, GP3A

Target/Specificity
The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Dilution
WB—1:500—1:1000

Format
affinity Purified IgG, in PBS, 0.02% sodium azide and 50% glycerol.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Integrin Beta-3 Antibody (Y785) is for research use only and not for use in diagnostic or therapeutic procedures.

Integrin Beta-3 Antibody (Y785) - Protein Information

Name ITGB3

Synonyms GP3A

Function

Western blot analysis of extract from HUVEC cells untreated or treated with EGF (200ng/ml, 15min), using Integrin Beta-3 Antibody (Y785) (#AE1017b, Lane 1and 2) and Phospho-Integrin Beta-3-Y785 Antibody (#AE1017d, Lane 3 and 4).

Integrin Beta-3 Antibody (Y785) - Background

The ITGB3 protein product is the integrin beta chain beta 3. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.

Integrin Beta-3 Antibody (Y785) - References

membrane protein. Cell projection, lamellipodium membrane Cell junction, focal adhesion

**Tissue Location**
Isoform beta-3A and isoform beta-3C are widely expressed. Isoform beta-3A is specifically expressed in osteoblast cells; isoform beta-3C is specifically expressed in prostate and testis

**Integrin Beta-3 Antibody (Y785) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture