

**bsm-33112M****[ Primary Antibody ]****CD41/ITGA2B Mouse mAb****Bioss**  
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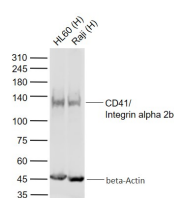
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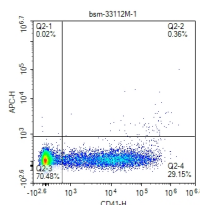
**DATASHEET****Host:** Mouse**Clonality:** Monoclonal**GeneID:** 3674**Target:** CD41/ITGA2B**Purification:** affinity purified by Protein G**Concentration:** 1mg/ml

**Storage:** Size : 50ul/100ul/200ul  
 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
 Size : 200ug (PBS only)  
 0.01M PBS  
 Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia. [provided by RefSeq, Jan 2016]

**Isotype:** IgG1**CloneNo.:** 9B10**SWISS:** P08514**Applications:** WB (1:500-2000)**Flow-Cyt** (1ug/Test)**Reactivity:** Human**Predicted MW.:** 125 kDa**Subcellular Location:** Cell membrane**VALIDATION IMAGES**

Sample: Lane 1: HL60 (Human) Cell Lysate at 30 ug  
 Lane 2: Raji (Human) Cell Lysate at 30 ug  
 Primary: Anti-CD41/Integrin alpha 2b (bsm-33112M) at 1/1000 dilution  
 Anti-beta-Actin (bs-0061R) at 1/2000 dilution  
 Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution  
 Predicted band size: 125 kD  
 Observed band size: 125 kD



scatter diagram showing peripheral blood lymphocytes stained with bsm-33112M. The cells were incubated with the antibody (bsm-33112M, 1ug/Test) for 30 min at 22°C. Acquisition of >10,000 events was performed.

**SELECTED CITATIONS**

- **[IF=20.3]** Lingling Zhang, et al. Bioengineered platelet nanoplatfrom enables renal-targeted dexamethasone delivery for chronic nephritis therapy with dual anti-inflammatory/anti-fibrotic effects and minimized systemic toxicity. BIOACT MATER. 2025 Oct;52:213 WB ;Rat. 40535704