

bs-2636R**[Primary Antibody]****CD41/ITGA2B Rabbit pAb****Bioss**
ANTIBODIES

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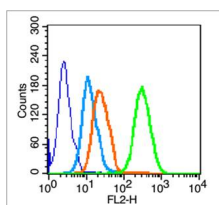
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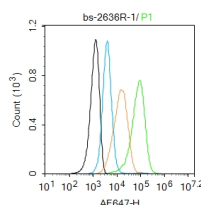
400-901-9800

DATASHEET

Host: Rabbit Clonality: Polyclonal GeneID: 3674 Target: CD41/ITGA2B Immunogen: KLH conjugated synthetic peptide derived from human Integrin alpha 2b heavy chain: 351-450/1033. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. 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: IgG SWISS: P08514	Applications: Flow-Cyt (1µg /test) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Cow, Horse) Predicted MW.: 125 kDa Subcellular Location: Cell membrane
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VALIDATION IMAGES

Blank control (blue line): HL60 cells (fixed with 70% methanol (Overnight at 4°C)). Primary Antibody (green line): Rabbit Anti-Integrin alpha 2b antibody (bs-2636R), Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE,Dilution: 1µg /test.



Blank control:U937. Primary Antibody (green line): Rabbit Anti-CD41/Integrin alpha 2b antibody (bs-2636R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=11.99]** Lê, Vuong Ba, et al. "Platelet Activation and Aggregation Promote Lung Inflammation and Influenza Virus Pathogenesis." American Journal of Respiratory and Critical Care Medicine (2015). Other ;="Mouse". 25664391
- **[IF=10.2]** Ding Yuchen. et al. Platelets as delivery vehicles for targeted enrichment of NO· to cerebral glioma for magnetic resonance imaging. J NANOBIOECHANOL. 2023 Dec;21(1):1-13 WB ;Rat. 38129881

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=9.473]** Stanley M. H. Chan. et al. Inhibition of oxidative stress by apocynin attenuated chronic obstructive pulmonary disease progression and vascular injury by cigarette smoke exposure. BRIT J PHARMACOL. 2023 Mar;; IHC ;Mouse. 36908040
- **[IF=7.26]** Araki, Tomoya, et al. "Augmented EPR effect by photo-triggered tumor vascular treatment improved therapeutic efficacy of liposomal paclitaxel in mice bearing tumors with low permeable vasculature." Journal of Controlled Release (2015). Other ;="Mouse". 25553829
- **[IF=6]** Meiyao Wang. et al. Sonodynamic therapy of glioblastoma mediated by platelets with ultrasound-triggered drug release. DRUG DELIV. 2023;30(1):Article: 2219429 Other ;. 37264811