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## Integrin alpha 2 Rabbit pAb

Catalog Number: bs-10132R

Target Protein: Integrin alpha 2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig, Horse)

Predicted MW: 127 kDa

Entrez Gene: 3673

Swiss Prot: P17301

Source: KLH conjugated synthetic peptide derived from human Integrin alpha 2/CD49b:  
801-900/1181.

Purification: affinity purified by Protein A

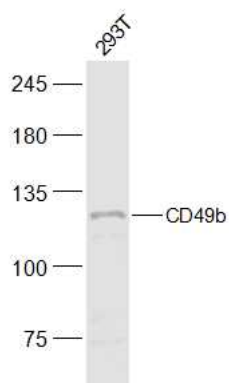
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Enables amyloid-beta binding activity. Predicted to be involved in several processes, including cell surface receptor signaling pathway; positive regulation of cell migration; and positive regulation of cellular component organization. Predicted to act upstream of or within cell adhesion. Located in basal part of cell and external side of plasma membrane. Is expressed in several structures, including alimentary system; brain; cardiovascular system; eye; and genitourinary system. Human ortholog(s) of this gene implicated in several diseases, including Behcet's disease; artery disease (multiple); blood platelet disease (multiple); diabetes mellitus (multiple); and von Willebrand's disease (multiple). Orthologous to human ITGA2 (integrin subunit alpha 2). [provided by Alliance of Genome Resources, Apr 2022]

### VALIDATION IMAGES

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Sample: 293T(Human) Cell Lysate at 30 ug Primary: Anti-CD49b (bs-10132R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 127 kD Observed band size: 127 kD

## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=7.3]** Liquan Jin. et al. High expression ITGA2 affects the expression of MET, PD-L1, CD4 and CD8 with the immune microenvironment in pancreatic cancer patients. FRONT IMMUNOL. 2023; 14: 1209367 WB ; Human . 37881431

**[IF=5.168]** Wang et al. Loss of calponin h1 confers anoikis resistance and tumor progression in the development of high-grade serous carcinoma originating from the fallopian tube epithelium. (2017) Oncotarget. 8:61133-61146 WB ; Human . 28977853