

bs-0342R**[Primary Antibody]****ITGB3 Rabbit pAb****BioSS**
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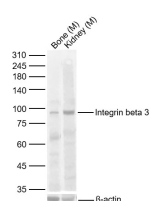
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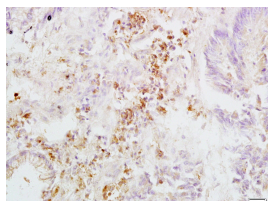
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 3690 Target: ITGB3 Immunogen: KLH conjugated synthetic peptide derived from human Integrin beta 3: 27-120/788. < Extracellular > 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: 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. [provided by RefSeq, Jul 2008]	Isotype: IgG SWISS: P05106	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rabbit, Pig, Cow) Predicted MW.: 84 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Bone Lysates Lane 2: Mouse Kidney Lysates Primary: Anti-Integrin beta 3 (bs-0342R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 84kDa Observed band size: 84kDa



Tissue/cell: human rectal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Integrin beta 3/CD61 Polyclonal Antibody, Unconjugated(bs-0342R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=7.6]** Wang, Yang, et al. "Induced apoptosis of osteoblasts proliferating on polyhydroxyalkanoates." Biomaterials (2013). ELISA ;Rat. 23433672
- **[IF=5.696]** Jiang-Tao Fan, et al. Exosomal lncRNA NEAT1 from cancer-associated fibroblasts facilitates endometrial cancer progression via miR-26a/b-5p-mediated STAT3/YKL-40 signaling pathway. Neoplasia. 2021 Jul;23:692 WB ;Human. 34153644
- **[IF=4.7]** Xiao-Ying Gao, et al. Molybdenum interferes with MMPs/TIMPs expression to reduce the receptivity of porcine endometrial epithelial cells. CHEM-BIOL INTERACT. 2025 Jan;405:111304 IF ;Porcine. 39486568

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

- **[IF=3.7]** Shuai Li. et al. Oscillatory shear stress activates integrin $\beta 3$, blocking autophagic flux in endothelial cells and promoting endothelial cells senescence. BBA-MOL CELL RES. 2025 May;;119991 IHC ;Mouse. 40412535
- **[IF=3.8]** Rui Ren. et al. Developmental exposure to perfluorooctane sulfonate (PFOS) impairs the endometrial receptivity. SCIENTIFIC REPORTS. 2025 Jan 11;15(1):1747. IF ;Rabbit. 39799182