

bs-0503R**[Primary Antibody]**

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ITGB2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Rat (predicted: Human, Mouse, Pig, Sheep, Cow, Horse)
GeneID: 3689	SWISS: P05107	Predicted MW.: 82 kDa
Target: ITGB2		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human Integrin beta 2: 701-770/770.		
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 product of this gene belongs to the integrin beta chain family of proteins. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. This gene encodes the integrin beta chain beta 2. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combines with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008].		

— SELECTED CITATIONS —

- **[IF=10.19]** Xingliang Dai. et al. Crosstalk between microglia and neural stem cells influences the relapse of glioblastoma in GBM immunological microenvironment. CLIN IMMUNOL. 2023 Jun;251:109333 IHC ;Human. 37088298
- **[IF=7.419]** Mingxing Yu. et al. QiShen YiQi and its components attenuate acute thromboembolic stroke and carotid thrombosis by inhibition of CD62P/PSGL-1-mediated platelet-leukocyte aggregate formation. BIOMED PHARMACOTHER. 2023 Apr;160:114323 IF ;Rat. 36738500
- **[IF=5.201]** Qian Liet al. LOX-1 Regulates P. gingivalis-Induced Monocyte Migration and Adhesion to Human Umbilical Vein Endothelial Cells. Front Cell Dev Biol . 2020 Jul 14;8:596. WB ;Human. 32793587
- **[IF=4.831]** Yu-Che Cheng. et al. Anchorage independence altered vasculogenic phenotype of melanoma cells through downregulation in aminopeptidase N /syndecan-1/integrin β 4 axis. Aging-U.S. 2020 Sep 15; 12(17): 16803–16819 WB ;Human. 32756007
- **[IF=3.23]** Chenna Narendra S, Chalise JP, Magnusson M, Uppugunduri S (2015) Local but Not Systemic Administration of Uridine Prevents Development of Antigen-Induced Arthritis. PLoS ONE 10(10): e0141863 IHC ;Mouse. 26512984