

bs-0641R**[Primary Antibody]****BioSS**
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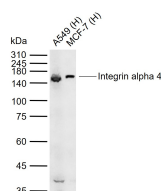
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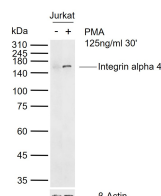
400-901-9800

Integrin alpha 4 Rabbit pAb**DATASHEET**

Host: Rabbit Clonality: Polyclonal GeneID: 3676 Target: Integrin alpha 4 Immunogen: KLH conjugated synthetic peptide derived from human Integrin alpha 4: 551-650/1032. < 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: Integrin alpha 4 beta 7, also known as, the lymphocyte Peyer's patch adhesion molecule (LPAM1) is a member of the integrin family of cell surface receptors. It is expressed primarily on mucosal lymphocytes, but is also present on NK cells and eosinophils. The alpha 4 beta 7 heterodimer mediates the binding of lymphocytes to its ligand, mucosal vascular addressin (MAdCAM1) on the high endothelial venules, thereby directing the homing of lymphocytes into Peyer's patches and intestinal lamina propria.	Isotype: IgG SWISS: P13612	Applications: WB (1:500-2000) ELISA (1:5000-10000) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 111 kDa Subcellular Location: Cell membrane
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VALIDATION IMAGES

Sample: Lane 1: Human A549 cell lysates Lane 2: Human MCF-7 cell lysates Primary: Anti-Integrin alpha 4 (bs-0641R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 111 kDa Observed band size: 150 kDa



Sample: Lane 1: Normal human Jurkat cell lysates Lane 2: Jurkat treated with PMA 125ng/ml 30min Primary: Anti-Integrin alpha 4 (bs-0641R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 111 kDa Observed band size: 150 kDa

SELECTED CITATIONS

- **[IF=4.8]** Ying Fang, et al. Role of integrin $\alpha 4$ in the inhibition of fibrosis in activated hepatic stellate cells by Periplaneta americana extract. FRONT PHARMACOL. 2025 Mar;16: WB ;Human. 40103586
- **[IF=3.53]** Lee, Tao-Chen, et al. "Comparison of Surface Markers between Human and Rabbit Mesenchymal Stem Cells." PLOS ONE 9.11 (2014): e1111390. Other ;Rabbit. 25380245