

bs-2055R**[Primary Antibody]****Integrin alpha 4+Beta 7 Rabbit pAb****Bioss**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Dog, Horse)
GeneID: 3676	SWISS: P13612	Predicted MW.: 114 kDa
Target: Integrin alpha 4+Beta 7		Subcellular Location: Cell membrane
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.		

— SELECTED CITATIONS —

- **[IF=3.63]** Tong, Bei, et al. "Norisoboldine ameliorates collagen-induced arthritis through regulating the balance between Th17 and regulatory T cells in gut-associated lymphoid tissues." Toxicology and Applied Pharmacology (2014). IHC ;="Rat". 25481498
- **[IF=4]** Qiu Zhong. et al. In vivo investigation of PEDV transmission via nasal infection: mechanisms of CD4+ T-cell-mediated intestinal infection...Journal of Virology.2025 Mar 17:e0176124. Western blot,Flow cytometry ;Pig. 40094365
- **[IF=3]** Tong, Bei, et al. "Sinomenine suppresses collagen-induced arthritis by reciprocal modulation of regulatory T cells and Th17 cells in gut-associated lymphoid tissues." Molecular Immunology 65.1 (2015): 94-103. IHC ;="Rat". 25656802