

## VCAM1 Rabbit pAb

Catalog Number: bs-0396R

Target Protein: VCAM1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:200-1000)

Reactivity: Mouse

Predicted MW: 81 kDa

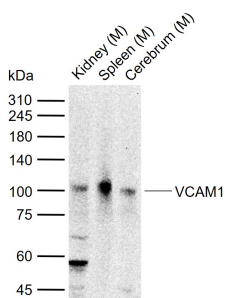
Purification: affinity purified by Protein A

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:** VCAM1 is important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with the integrins alpha4 beta1 (beta 1 integrin VLA4) and alpha4 beta7 on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/VLA4 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of inflammation. VCAM1 is also expressed by several non endothelial cell types including some macrophages, follicular dendritic cells and bone marrow, stromal cells.

### VALIDATION IMAGES



Sample: Lane 1: Mouse Kidney tissue lysates Lane 2: Mouse Spleen tissue lysates Lane 3: Mouse Cerebrum tissue lysates Primary: Anti-VCAM1 (bs-0396R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 81 kDa Observed band size: 100 kDa

### PRODUCT SPECIFIC PUBLICATIONS

[IF=17.1] Lu Yu. et al. Apoptotic Extracellular Vesicles Induced Endothelial Cell-Mediated Autologous Stem Cell Recruitment Dominates Allogeneic Stem Cell Therapeutic Mechanism for Bone Repair. ACS NANO. 2024;XXX(XXX):XXX-XXX WB ; Rat . 38465955

[IF=16.834] Moccetti F et al. Myocardial Infarction Produces Sustained Proinflammatory Endothelial Activation in Remote Arteries. J Am Coll Cardiol. 2018 Aug 28;72(9):1015-1026. IF ; Mouse . 30139430

[IF=10.334] Xin-Sen Chen. et al. Losartan attenuates sepsis-induced cardiomyopathy by regulating macrophage polarization via TLR4-mediated NF- $\kappa$ B and MAPK signaling. PHARMACOL RES. 2022 Nov;185:106473 WB ; Mouse . 36182039

[IF=8.786] Guangxu Xiao. et al. CXCR1 and its downstream NF- $\kappa$ B inflammation signaling pathway as a key target of Guanxinning injection for myocardial ischemia/reperfusion injury.. FRONT IMMUNOL. 2022 Oct;13:1007341-1007341 WB,IF ; Mouse . 36325326

[IF=5.646] Ye T et al. MicroRNA-7 as a potential therapeutic target for aberrant NF- $\kappa$ B-driven distant metastasis of gastric cancer. J Exp Clin Cancer Res. 2019 Feb 6;38(1):55. FCM,IHC ; Mouse&Human . 30728051