

**bs-0642R****[ Primary Antibody ]****MAdCAM-1 Rabbit pAb****Bioss**  
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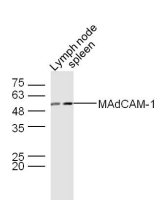
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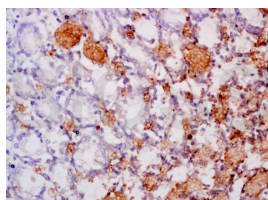
## — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>IHC-P</b> (1:100-500)
<b>GeneID:</b> 54266	<b>SWISS:</b> O70540	<b>IHC-F</b> (1:100-500)
<b>Target:</b> MAdCAM-1		<b>IF</b> (1:100-500)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from rat MAdCAM-1: 151-250/394.		<b>Reactivity:</b> Human, Mouse (predicted: Rat)
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		<b>Predicted MW.:</b> 40 kDa
<b>Storage:</b> 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.		<b>Subcellular Location:</b> Cell membrane
<b>Background:</b> The recirculation of lymphocytes through different organs is thought to be regulated by adhesion molecules recognizing tissue-specific vascular addressins on the endothelium. The mucosal vascular addressin, MadCAM-1 (mucosal addressin cell adhesion molecule 1), is an immunoglobulin superfamily adhesion molecule for lymphocytes that is expressed by mucosal venules and helps direct lymphocyte traffic into Peyer's patches and the intestinal lamina propria. MadCAM-1 acts as an endothelial cell ligand for leukocyte homing receptors L-Selectin and Integrin Alpha 4/Beta 7. MadCAM-1 is strongly expressed on inflamed portal vein/sinusoidal endothelium in autoimmune-mediated liver disease and plays a major contributory role in the progression of chronic experimental autoimmune encephalomyelitis.		

## — VALIDATION IMAGES —



Sample: Lymph node (Mouse) Lysate at 30 ug  
Spleen (Mouse) Lysate at 30 ug  
Primary: Anti-MAdCAM-1 (bs-0642R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 40 kD  
Observed band size: 50 kD



Tissue/cell: human gastric 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-MAdCAM-1 Polyclonal Antibody, Unconjugated(bs-0642R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining