

**bsm-10697M****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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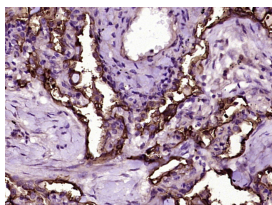
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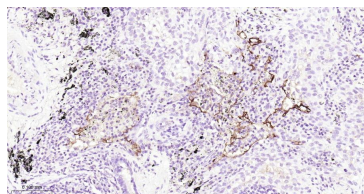
400-901-9800

**ICAM1/CD54 Mouse mAb****— DATASHEET —**

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000)
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 4E5	
<b>GeneID:</b> 3383	<b>SWISS:</b> P05362	
<b>Target:</b> ICAM1/CD54		
<b>Immunogen:</b> Recombinant human ICAM1/CD54: 321-420/532.		
<b>Purification:</b> affinity purified by Protein G		<b>Reactivity:</b> Human
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008].		
		<b>Predicted MW.:</b> 56 kDa
		<b>Subcellular Location:</b> Cell membrane

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human lung cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (ICAM1/CD54) Monoclonal Antibody, Unconjugated (bsm-10697M) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Mouse) (sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human lung squamous cell carcinoma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with ICAM1/CD54 Monoclonal Antibody, Unconjugated (ascites of bsm-10697M) at 1:800 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.

**— SELECTED CITATIONS —**

- **[IF=15.8]** Xin Zhang, et al. Intercellular adhesion molecule-1 suppresses TMZ chemosensitivity in acquired TMZ-resistant gliomas by increasing assembly of ABCB1 on the membrane. DRUG RESIST UPDATE. 2024 Sep;76:101112 Other ;. 38924997