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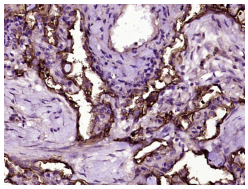
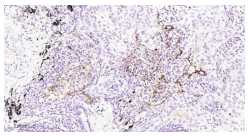
ICAM1/CD54 Mouse mAb

Catalog Number:	bsm-10697M
Target Protein:	ICAM1/CD54
Concentration:	1mg/ml
Form:	Size : 50ul/100ul/200ul Liquid Size : 200ug (PBS only) Lyophilized Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.
Host:	Mouse
Clonality:	Monoclonal
Clone No.:	4E5
Isotype:	IgG
Applications:	IHC-P (1:200-1000), IHC-F (1:200-1000), IF (1:200-1000)
Reactivity:	Human
Predicted MW:	56 kDa
Entrez Gene:	3383
Swiss Prot:	P05362
Source:	Recombinant human ICAM1/CD54: 321-420/532.
Purification:	affinity purified by Protein G
Storage:	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.
Background:	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].

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.

PRODUCT SPECIFIC PUBLICATIONS

[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