

# CD54(ICAM-1) Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AP52694

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P05362</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Calculated MW</b>	96 KDa

## Additional Information

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<b>Other Names</b>	Antigen identified by monoclonal;BB2;BB 2;BB2;CD 54;CD_antigen=CD54;CD54;CD54 antigen; Cell surface glycoprotein P3.58;Human rhinovirus receptor;ICAM 1;ICAM-1;ICAM1; ICAM1_HUMAN;Intercellular adhesion molecule 1;intercellular adhesion molecule 1 (CD54), human rhinovirus receptor;Major group rhinovirus receptor;MALA 2;MALA2;MyD 10;MyD10; P3.58;Surface antigen of activated B cells;Surface antigen of activated B cells, BB2.
<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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### Background

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ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans- endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.

### References

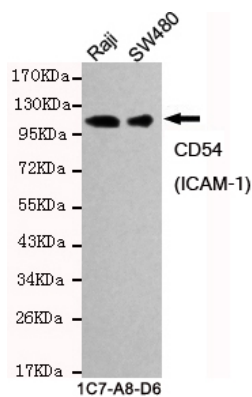
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Tomassini J.E.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:4907-4911(1989).  
Voraberger G.F.,et al.J. Immunol. 147:2777-2786(1991).  
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

## Images

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Western blot detection of CD54(ICAM-1) in Raji and SW480 cell lysates and using CD54(ICAM-1) mouse mAb (1:1000 diluted). Predicted band size: 58KDa. Observed band size: 96KDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.