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**Product Name: CD54 Mouse Monoclonal Antibody****Catalog #: AMM82972**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	57.8kDa

**Antigen Information**

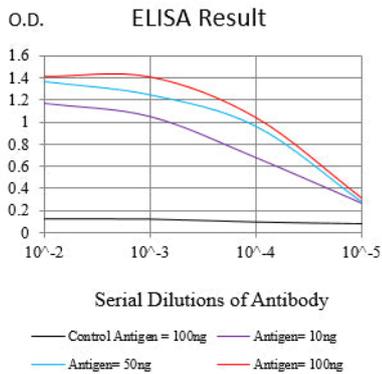
<b>Gene Name</b>	CD54
<b>Alternative Names</b>	BB2; CD54; P3.58
<b>Gene ID</b>	3383.0
<b>SwissProt ID</b>	P05362
<b>Immunogen</b>	Purified recombinant fragment of human CD54 (AA: 28-163) expressed in E. Coli.

**Background**

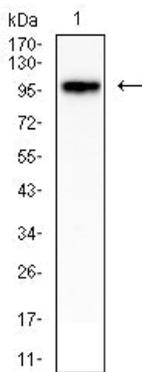
This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.

## Research Area

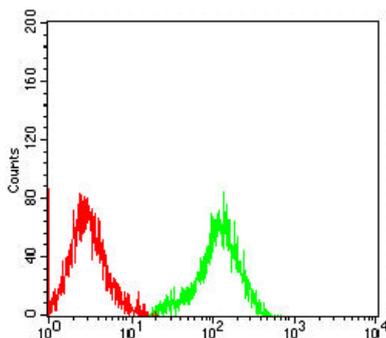
## Image Data



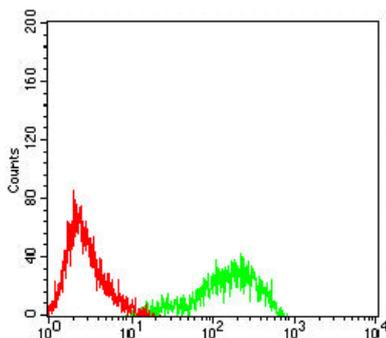
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



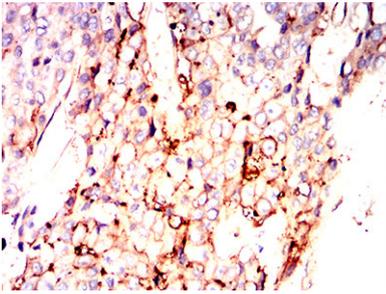
Western blot analysis using CD54 mouse mAb against Raji (1) cell lysate.



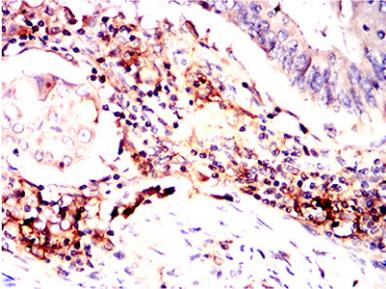
Flow cytometric analysis of Jurkat cells using CD54 mouse mAb (green) and negative control (red).



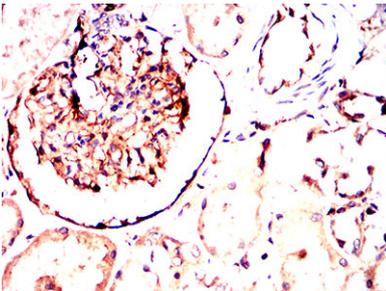
Flow cytometric analysis of Raji cells using CD54 mouse mAb (green) and negative control (red).



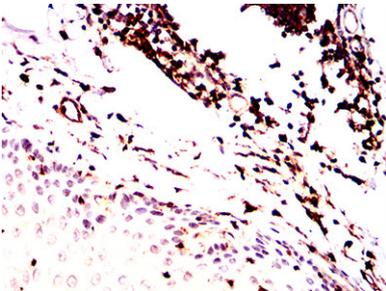
Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using CD54 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CD54 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human renal tissue tissues using CD54 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human esophageal tissue tissues using CD54 mouse mAb with DAB staining.