

# CD54 Polyclonal Antibody

Catalog Number:E-AB-16322

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

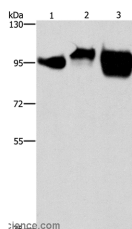
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Synthetic peptide of human ICAM1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

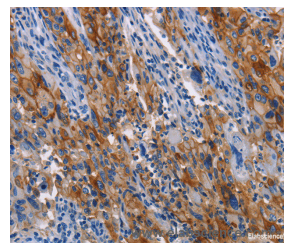
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

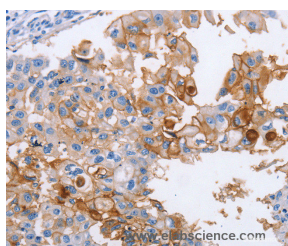
## Data



Western Blot analysis of Huvec, hela and raji cell using CD54 Polyclonal Antibody at dilution of 1:500  
**Calculated Mw:58kDa**



Immunohistochemistry of paraffin-embedded Human lung cancer using CD54 Polyclonal Antibody at dilution of 1:40



Immunohistochemistry of paraffin-embedded Human breast cancer using CD54 Polyclonal Antibody at dilution of 1:40

## Preparation & Storage

**Storage** Store at -20°C. Avoid 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. 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 ARHGGEF26/SGEF

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and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.

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