

ICAM-1/CD54 Rabbit mAb

Catalog No.: A19300 **Recombinant** **3 Publications**

Basic Information

Observed MW

89kDa/100kDa

Calculated MW

58kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, FC

Cross-Reactivity

Human

CloneNo number

ARC0261

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.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
FC	1:50 - 1:200

Immunogen Information

Gene ID

3383

Swiss Prot

P05362

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ICAM-1/CD54 (P05362).

Synonyms

BB2; CD54; P3.58; MALA2; MyD10; ICAM-1/CD54

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

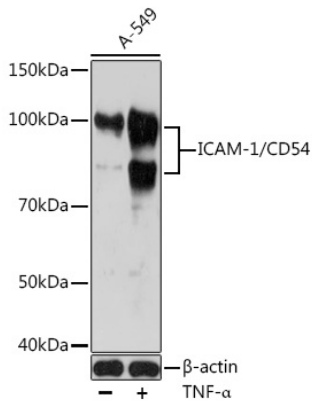
Affinity purification

Storage

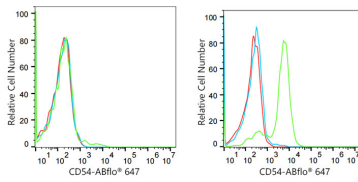
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

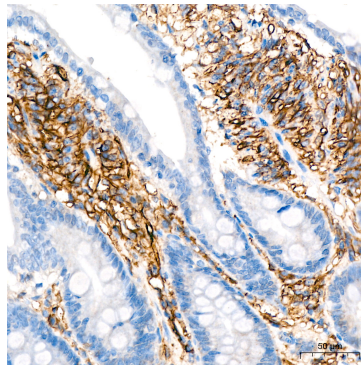
Validation Data



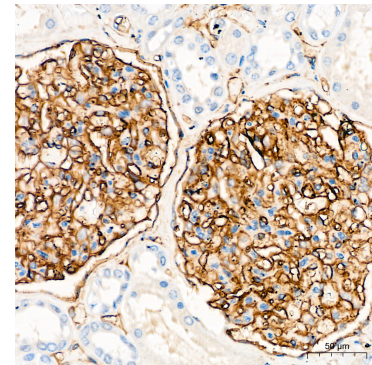
Western blot analysis of lysates from A-549 cells, using ICAM-1/CD54 Rabbit mAb (A19300) at 1:1000 dilution. A-549 cells were treated by TNF- α (20 ng/mL) at 37°C for 30 minutes.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% BSA.
 Detection: ECL Enhanced Kit (RM00021).
 Exposure time: 3min.



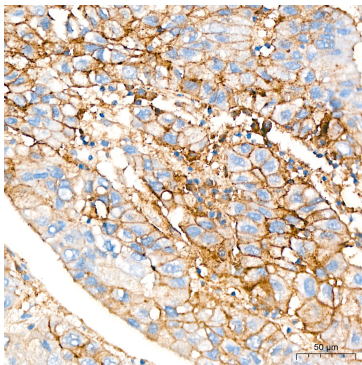
Flow cytometry: 1×10^6 293F cells (negative control, left) and Raji cells (right) were surface-stained with ICAM-1/CD54 Rabbit mAb (A19300, 10 μ g/mL, green line) or Rabbit IgG isotype control (AC042, 10 μ g/mL, blue line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb (1:600 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



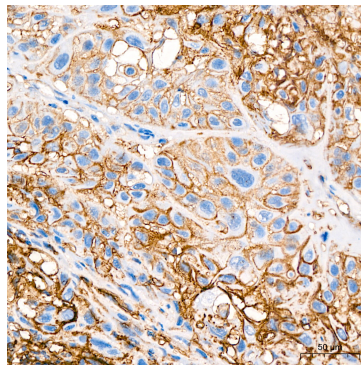
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



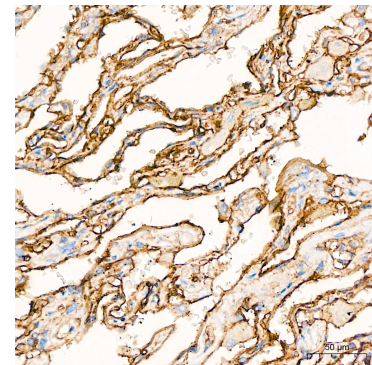
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

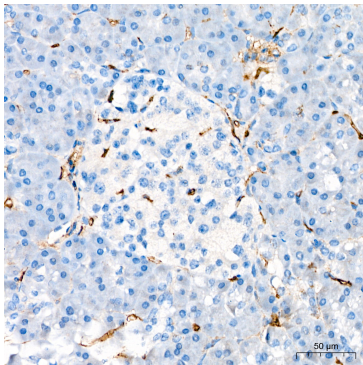


Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

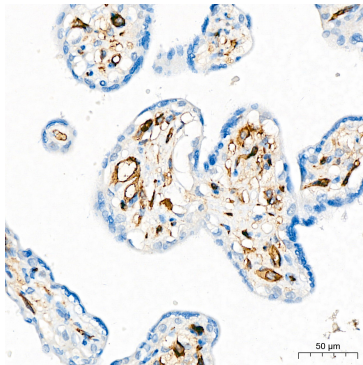


Immunohistochemistry analysis of paraffin-embedded Human lung tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

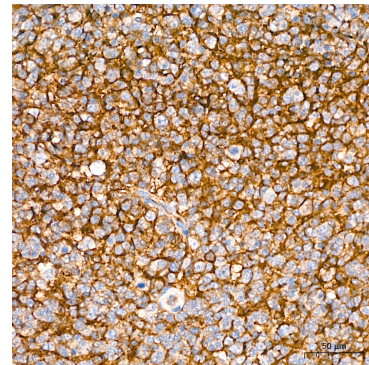
Validation Data



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.