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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

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Product Information

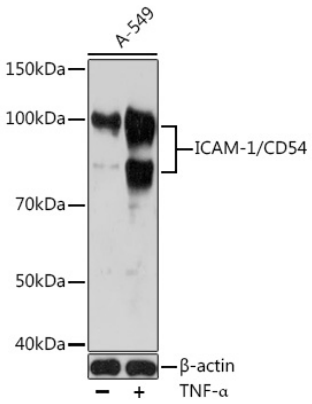
Source
Rabbit

Isotype
IgG

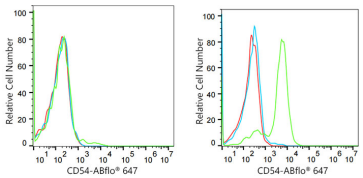
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

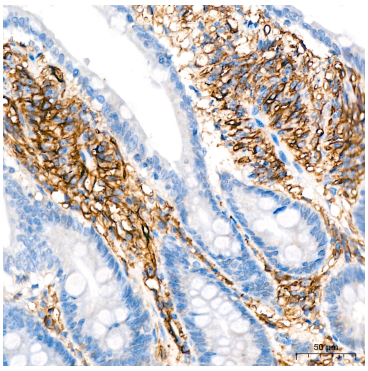
Validation Data



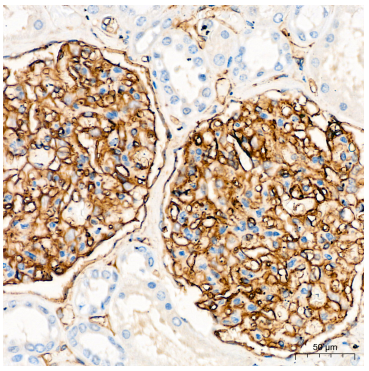
Western blot analysis of lysates from A-549 cells, using ICAM-1/CD54 Rabbit mAb (A19300) at 1:1000 dilution.A-549 cells were treated by TNF-α (20 ng/mL) at 37℃ for 30 minutes.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: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



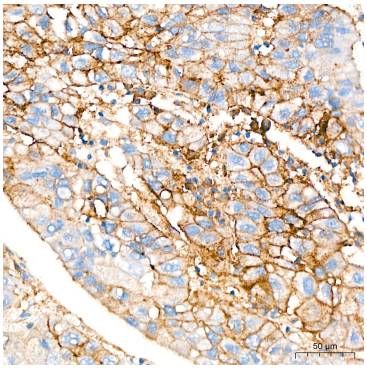
Flow cytometry:1X10^6 293F cells (negative control,left) and Raji cells (right) were surface-stained with ICAM-1/CD54 Rabbit mAb(A19300, 10 µg/mL,green line) or Rabbit IgG isotype control (AC042, 10 µg/mL,blue line),followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb(1:600 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



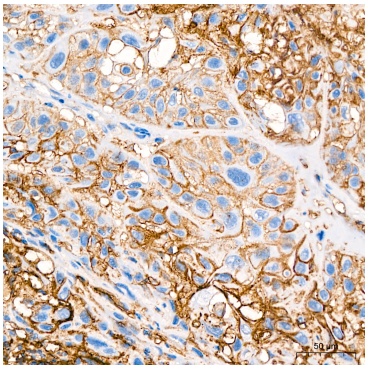
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



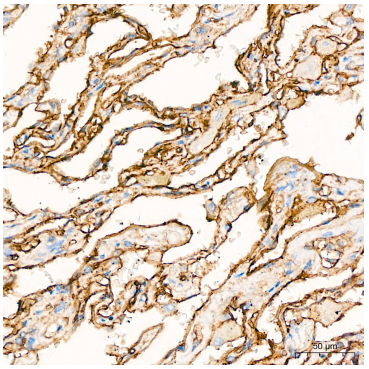
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



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 Buffer(pH 6.0) prior to IHC staining.

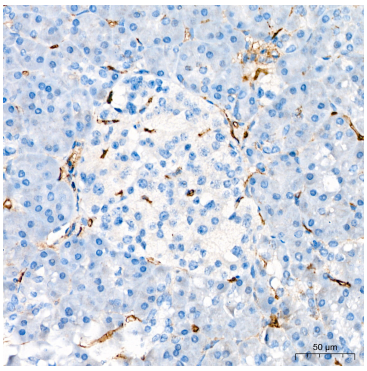


Immunohistochemistry analysis of paraffin-embedded Human lung squamous carcinoma tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

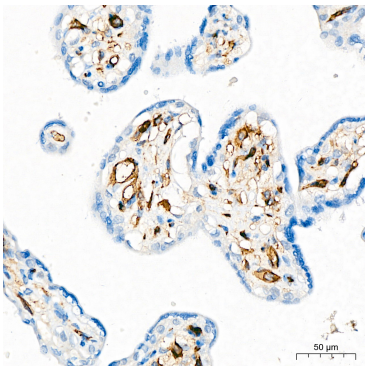


Immunohistochemistry analysis of paraffin-embedded Human lung tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.

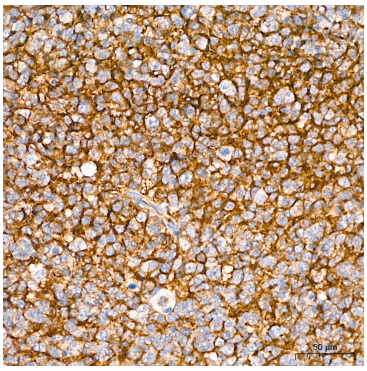
Validation Data



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 Buffer(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 Buffer(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 Buffer(pH 6.0) prior to IHC staining.