A19300

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ICAM-1/CD54 Rabbit mAb

Catalog No.: A19300 Recombinant 3 Publications

Basic Information

Observed MW
82-100kDa

Calculated MW
58kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,IHC-P,FC,ELISA

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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
3383

Swiss Prot
P05362

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

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

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.

Contact

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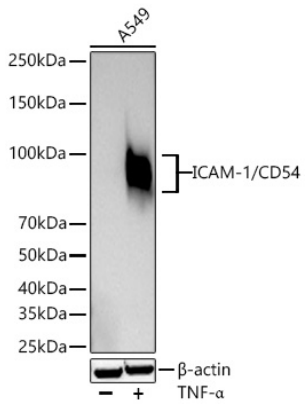
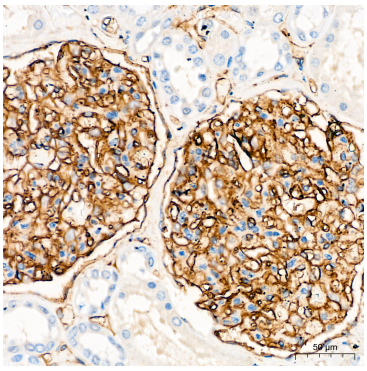
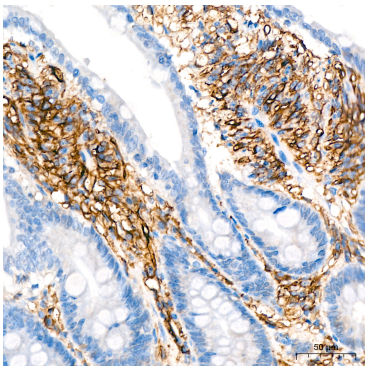
Validation Data



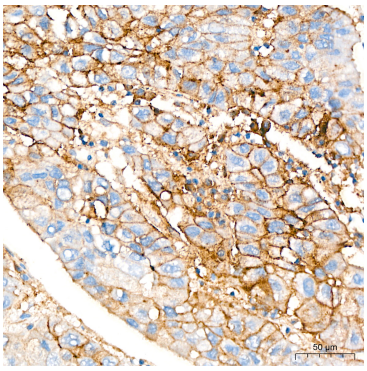
Western blot analysis of lysates from A549 cells using ICAM-1/CD54 Rabbit mAb (A19300) at 1:1000 dilution incubated overnight at 4℃. A549 cells were treated with TNF-α (20 ng/mL) at 37℃ for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



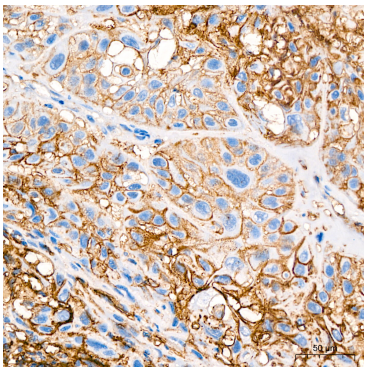
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



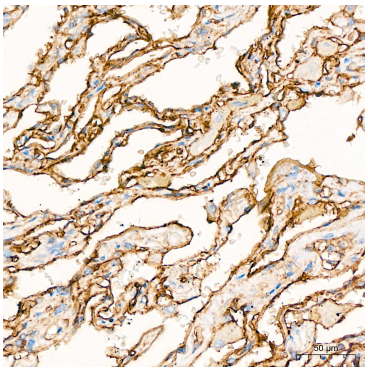
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



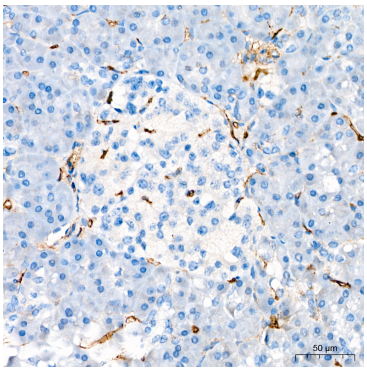
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



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.

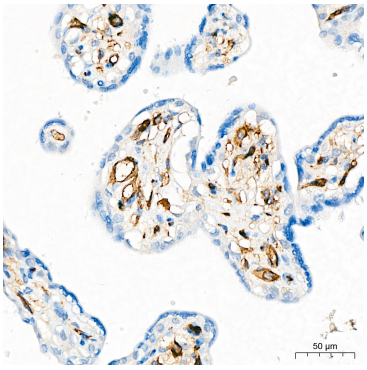


Immunohistochemistry analysis of paraffin-embedded Human lung tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

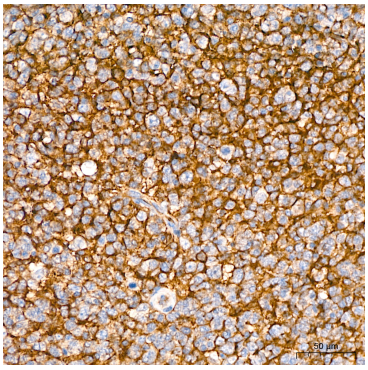


Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using ICAM-1/CD54 Rabbit mAb (A19300) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

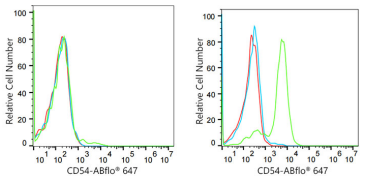
Validation Data



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.



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).