A22596PM

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ICAM-1/CD54 Rabbit PolymAb®

Catalog No.: A22596PM 1 Publications

Basic Information

Observed MW
92kDa/100kDa

Calculated MW
58kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity
Human,Mouse,Rat

Background

This gene encodes an integral membrane protein that binds leukocyte adhesion protein LFA-1. It participates in the innate immune response.

Recommended Dilutions

WB	1:2000 - 1:10000
IHC-P	1:100 - 1:500
IF/ICC	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
15894/3383

Swiss Prot
P13597/P05362

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
MAL; CD54; Icam; Ly-4; Ly-47; Icam-1; MALA-2

Product Information

Source
Rabbit

Isotype
IgG

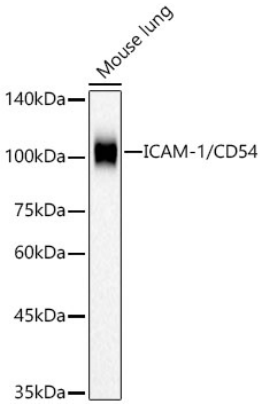
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

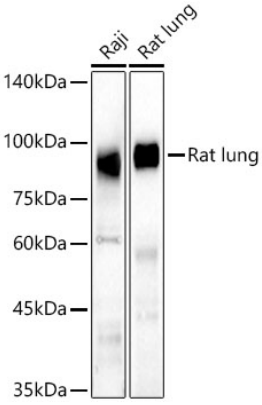
Contact

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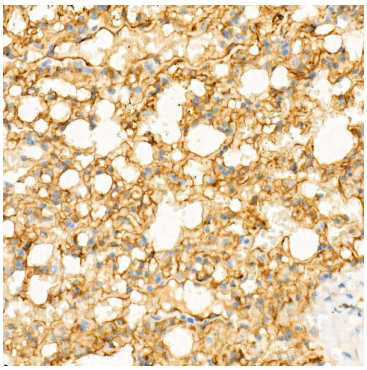
Validation Data



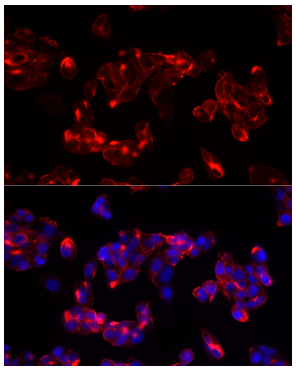
Western blot analysis of lysates from Mouse lung, using ICAM-1/CD54 Rabbit PolymAb® (A22596PM) at 1:10000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



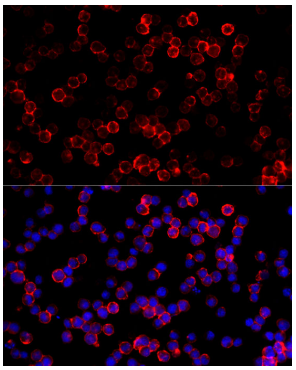
Western blot analysis of various lysates, using ICAM-1/CD54 Rabbit PolymAb® (A22596PM) at 1:10000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 120s.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using ICAM-1/CD54 Rabbit PolymAb® (A22596PM) at dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HepG2 cells using ICAM-1/CD54 Rabbit PolymAb® (A22596PM) at dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Raji cells using ICAM-1/CD54 Rabbit PolymAb® (A22596PM) at dilution of 1:400 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.