

ICAM-1/CD54 Rabbit mAb

Catalog No.: A23936 **Recombinant**

Basic Information

Observed MW

89kDa/92kDa

Calculated MW

59kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human

CloneNo number

ARC54998

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	1:500 - 1:1000
IHC-P	1:100 - 1:500
IF/ICC	1:100 - 1:500

Immunogen Information

Gene ID

3383

Swiss Prot

P13597

Immunogen

Recombinant protein of human ICAM-1/CD54.

Synonyms

CD54; Ly-47; Icam-1; MALA-2; ICAM-1/CD54

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

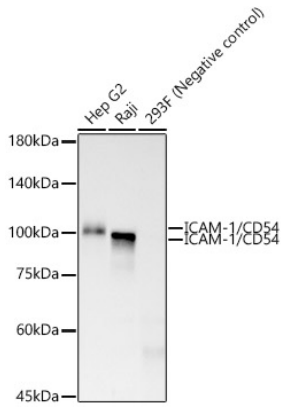
Affinity purification

Storage

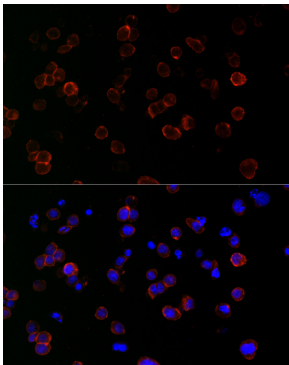
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

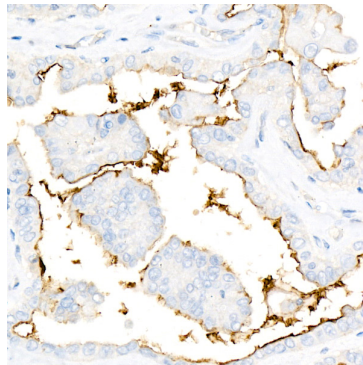
Validation Data



Western blot analysis of various lysates, using ICAM-1/CD54 Rabbit mAb (A23936) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



Immunofluorescence analysis of Raji cells using ICAM-1/CD54 Rabbit mAb (A23936) at dilution of 1:300 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of ICAM-1/CD54 in paraffin-embedded human thyroid cancer tissue using ICAM-1/CD54 Rabbit mAb (A23936) at a dilution of 1:400 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.