

ICAM-1/CD54 Rabbit mAb

Catalog No.: A22198 **Recombinant**

Basic Information

Observed MW

89/92kDa

Calculated MW

58kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human

CloneNo number

ARC54995

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	1:1000 - 1:5000
IF/ICC	1:500 - 1:1000

Immunogen Information

Gene ID

3383

Swiss Prot

P05362

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 28-480 of human ICAM-1/CD54 (NP_000192.2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

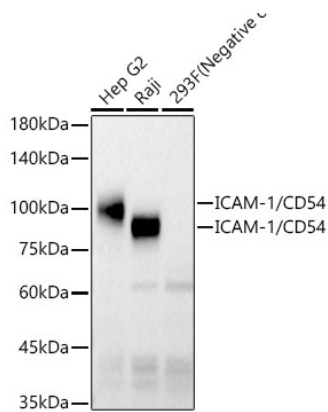
Affinity purification

Storage

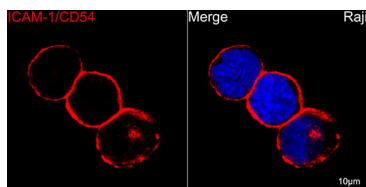
Store at -20°C. Avoid freeze / thaw cycles.

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 antibody (A22198) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:2000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Confocal imaging of Raji cells using ICAM-1/CD54 Rabbit mAb (A22198, dilution 1:900) (Red). DAPI was used for nuclear staining (blue). Objective: 100x.