

A24588

Leader in Biomolecular Solutions for Life Science



ABflo® 594 Rabbit anti-Human ICAM2/CD102 mAb

Catalog No.: A24588

Basic Information

Observed MW

Refer to figures

Calculated MW

30kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC59369-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

Background

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. Several transcript variants encoding the same protein have been found for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

3384

Swiss Prot

P13598

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 25-223 of human ICAM2/CD102 (NP_000864.2).

Synonyms

ICAM2; CD102; intercellular adhesion molecule 2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

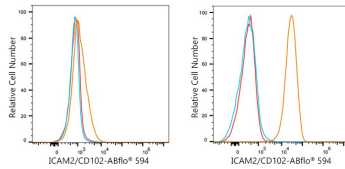
Affinity purification

Storage

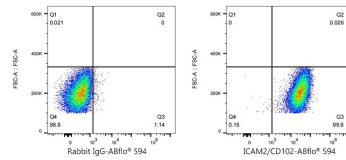
Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 293T cells (negative control, left) and Jurkat cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human ICAM2/CD102 mAb (A24588, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 Jurkat cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Human ICAM2/CD102 mAb (A24588, 5 μ l/Test, right).