

For Research Use Only

Atlantic Blue™ Anti-Human ICAM-1/CD54 (15.2)

Catalog Number: AB-65075



Basic Information

Catalog Number:

AB-65075

Size:

100 tests, 5 ul/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC015969

GeneID (NCBI):

3383

ENSEMBL Gene ID:

ENSG00000090339

UNIPROT ID:

P05362

Full Name:

intercellular adhesion molecule 1

Calculated MW:

90 kDa

Purification Method:

Affinity purification

CloneNo.:

15.2

Excitation/Emission maxima wavelengths:

404 nm / 458 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

ICAM-1 (CD54) is a 90-kDa transmembrane glycoprotein of the immunoglobulin superfamily and is critical for the firm attachment and transmigration of leukocytes out of blood vessels and into tissues (PMID: 19307690). ICAM-1 is expressed by several cell types, typically on endothelial cells and cells of the immune system, and its expression can be up-regulated by various stimuli, including $\text{TNF-}\alpha$, $\text{INF-}\gamma$, IL-1 and thrombin (PMID: 3086451; 9694714; 15979056). It is a ligand for LFA-1 and Mac-1, serves as a receptor for rhinovirus, and is one of several receptors used by *Plasmodium falciparum* (PMID: 2566624; 2538244; 2475784).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:

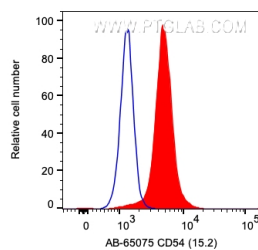
T: 4006900926

E: Proteintech-CN@ptglab.com

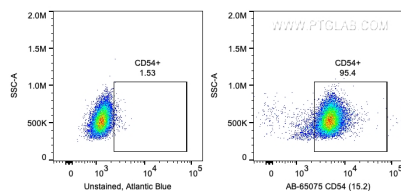
W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 5 ul Atlantic Blue™ Anti-Human CD54 (ICAM-1) (AB-65075, Clone:15.2) or unstained. Cells were not fixed. Monocytes were gated.



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