

## PE Anti-Human CD54 (ICAM-1) (15.2)

Catalog Number: PE-65075

## Basic Information

## Catalog Number:

PE-65075

## Size:

100 tests, 5 µl/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:

496 nm, 565 nm / 578 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 TNF- $\alpha$ , 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

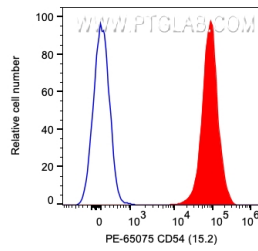
## Storage:

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

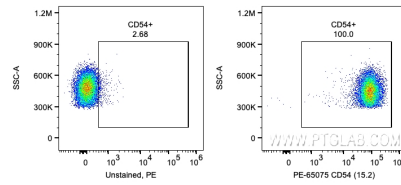
## Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul PE Anti-Human CD54 (ICAM-1) (PE-65075, Clone:15.2) (red) or unstained. Cells were not fixed. Monocytes were gated.



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