

APC Anti-Human CD54 (ICAM-1) (15.2)

Catalog Number: APC-65075

2 Publications

Basic Information

Catalog Number:

APC-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:

650 nm / 660 nm

Applications

Tested Applications:

FC

Cited 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- α , INF- γ , 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Wenjing Li	34933092	Cell Signal	FC
Yao Zhang	37883686	Adv Healthc Mater	

Storage

Storage:

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

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

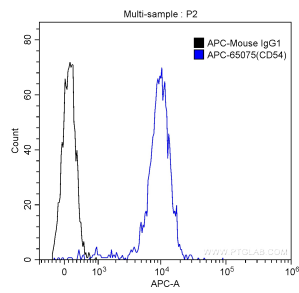
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ human peripheral blood monocytes were surface stained with 5 ul APC Anti-Human CD54 (ICAM-1) (APC-65075, Clone: 15.2) (blue), or isotype control antibody (black). Cells were not fixed.