For Research Use Only

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

Catalog Number:PE-65075

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
PE-65075

Concentration:
100tests, 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

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human PBMCs,

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).

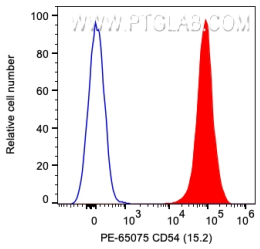
Storage

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, pH7.3

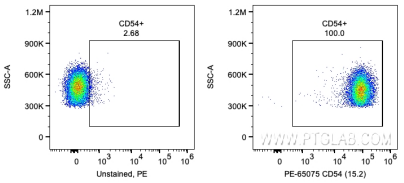
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10^6 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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