

For Research Use Only

Anti-Human ICAM-1/CD54 (15.2) Mouse IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65567-1-PBS



Basic Information

Catalog Number:

65567-1-PBS

Size:

1mg, 2 mg/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC015969

GeneID (NCBI):

3383

ENSEMBL Gene ID:

ENSG00000090339

Full Name:

intercellular adhesion molecule 1

Calculated MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

15.2

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- 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 -80°C. Stable for one year after shipment.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

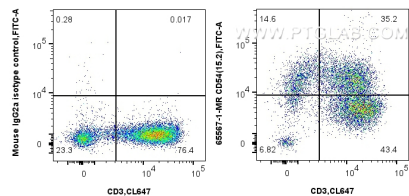
T: 4006900926

E: Proteintech-CN@ptglab.com

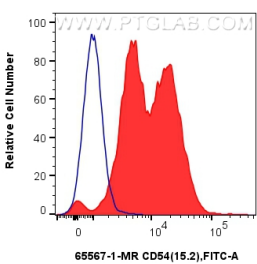
W: ptgcn.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD54 Mouse IgG2a Recombinant Antibody (65567-1-MR, Clone:15.2) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4), and CoraLite® 488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 65567-1-PBS in a



1x10⁶ human PBMCs were surface stained with 0.25 ug Anti-Human CD54 Mouse IgG2a Recombinant Antibody (65567-1-MR, Clone:15.2) (red) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) (blue), and CoraLite® 488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were not fixed. Lymphocytes were gated. This data was developed using the same antibody clone with 65567-1-PBS in a different storage buffer formulation.