

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Human ICAM-1/CD54 Rabbit Recombinant Antibody



Catalog Number: CL647-FcA98011-4

Basic Information

Catalog Number: CL647-FcA98011-4	GenBank Accession Number: BC015969	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 3383	CloneNo.: 240646A11
Source: Rabbit	ENSEMBL Gene ID: ENSG00000090339	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	UNIPROT ID: P05362	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: EG0570	Full Name: intercellular adhesion molecule 1	
	Calculated MW: 90 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
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 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:

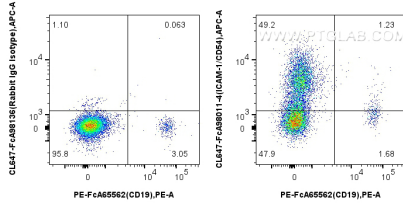
T: 4006900926

E: Proteintech-CN@ptglab.com

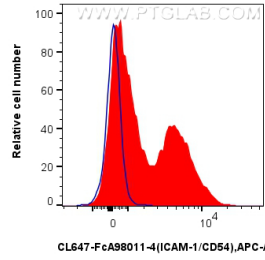
W: ptgcn.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with PE Anti-Human CD19 (4G7), and 5 ul CoraLite® Plus 647 Anti-Human ICAM-1/CD54 Rabbit RecAb (CL647-FcA98011-4, Clone: 240646A11) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human ICAM-1/CD54 Rabbit RecAb (CL647-FcA98011-4, Clone: 240646A11) (red) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.