CoraLite®594 Anti-Human ICAM-1/CD54 Rabbit Recombinant Antibody

Catalog Number:**CL594-98011**

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number: CL594-98011	**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	**Excitation/Emission maxima wavelengths:** 588 nm / 604 nm
Isotype: IgG	**UNIPROT ID:** P05362	
	Full Name: intercellular adhesion molecule 1	
	Calculated MW: 90 kDa	

Applications

Tested Applications:
FC

Species Specificity:
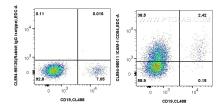human

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).
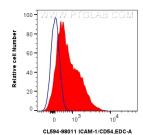
Storage

Storage:
Store at 2-8℃. 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

1x10^6 human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD19 (4G7) Mouse IgG2a Recombinant Antibody (CL488-65562, Clone: 4G7), and 5 ul CoraLite®594 Anti-Human ICAM-1/CD54 Rabbit RecAb (CL594-98011, Clone:240646A11) or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9).Cells were not fixed.

1x10^6 human PBMCs were surface stained with 5 ul CoraLite®594 Anti-Human ICAM-1/CD54 Rabbit RecAb (CL594-98011, Clone: 240646A11) (red), or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue).Cells were not fixed.