

For Research Use Only

CoraLite® Plus 488 Anti-Human CD54 (15.2) Mouse IgG2a Recombinant Antibody



Catalog Number: **CL488-65567**

Basic Information

Catalog Number: CL488-65567	GenBank Accession Number: BC015969	Purification Method: Protein A purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 3383	CloneNo.: 15.2
Source: Mouse	ENSEMBL Gene ID: ENSG00000090339	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	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°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

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

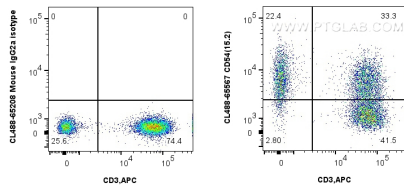
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with APC Anti-Human CD3 and 5 ul Coralite® Plus 488 CD54 Recombinant Antibody (CL488-65567, Clone:15.2), or Coralite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4). Cells were not fixed. Lymphocytes were gated.