

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Human ICAM3/CD50 Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98097



Basic Information

Catalog Number: CL647-FcA98097	GenBank Accession Number: BC058903	Purification Method: Protein A purification
Size: 100 tests, 5 ul/test	GeneID (NCBI): 3385	CloneNo.: 241418E8
Source: Rabbit	UNIPROT ID: P32942	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: intercellular adhesion molecule 3	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
	Calculated MW: 547 aa, 60 kDa	

Applications

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

Background Information

The intercellular adhesion molecule (ICAM) family is a subfamily of immunoglobulin superfamily with five known ICAM family members (ICAM1 to ICAM5) which play a role in inflammation, immune responses, and intracellular signaling (PMID: 23287428; 29477378). ICAM3, also known as CD50, is a type I transmembrane glycoprotein that contains five C2-type immunoglobulin-like domains in its extracellular region, a single transmembrane segment, and a C-terminus cytoplasmic tail. ICAM3 is selectively expressed on leukocytes (PMID: 1730916; 8132828). It is the primary ligand for LFA-1 and is involved in various immune processes, including T-cell activation, and macrophage recognition of apoptotic cells (PMID: 11812993; 23775590).

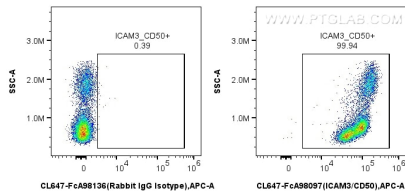
Storage

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

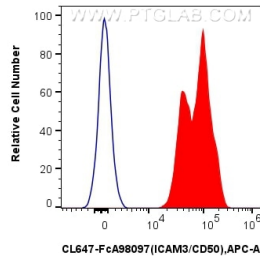
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 5 ul CoraLite® Plus 647 Anti-Human ICAM3/CD50 Rabbit RecAb (CL647-FcA98097, Clone: 241418E8) 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 ICAM3/CD50 Rabbit RecAb (CL647-FcA98097, Clone: 241418E8) (red) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.