

For Research Use Only

FcZero-rAb® CoraLite® Plus 405 Anti-Human CD27 Rabbit Recombinant Antibody



Catalog Number: CL405-FcA98346-3

Basic Information

Catalog Number: CL405-FcA98346-3	GenBank Accession Number: BC012160	Purification Method: Protein A purification
Size: 100tests , 5 ul/test	GeneID (NCBI): 939	CloneNo.: 242731G8
Source: Rabbit	ENSEMBL Gene ID: ENSG00000139193	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	UNIPROT ID: P26842	Excitation/Emission maxima wavelengths: 399 nm / 422 nm
Immunogen Catalog Number: EG1644	Full Name: CD27 molecule	
	Calculated MW: 29 kDa	

Applications

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

Background Information

CD27 (also known as TNFRSF7) is a type I glycoprotein expressed on some B cells and the majority of T cells, and is a member of the tumor necrosis factor (TNF) receptor family. CD27 is required for generation and long-term maintenance of T cell immunity (PMID: 11062504). It is a receptor for CD70 (CD27L). Ligation of CD27 by CD70 induces strong ubiquitination of TRAF and the activation of both canonical and non-canonical NF-kappaB pathways, as well as the JNK pathway (PMID: 19426224). CD27 may also play a role in apoptosis through association with SIVA1.

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

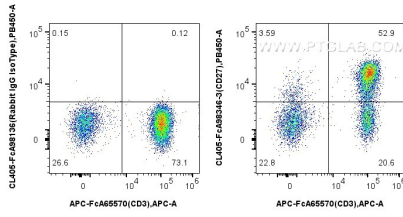
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

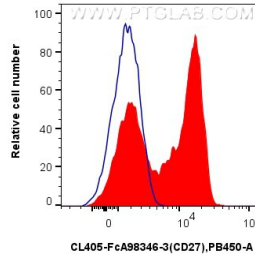
E: proteintech@ptglab.com
W: ptglab.com

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 APC Anti-Human CD3 (UCHT1), and 5 ul CoraLite® Plus 405 Anti-Human CD27 Rabbit RecAb (CL405-FcA98346-3, Clone: 242731G8) or FcZero-rAb® CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-FcA98136, Clone: 240953C9). Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD27 Rabbit RecAb (CL405-FcA98346-3, Clone: 242731G8) (red) or FcZero-rAb® CoraLite® Plus 405 Rabbit IgG Isotype Control Recombinant Antibody (CL405-FcA98136, Clone: 240953C9) (blue). Cells were not fixed. Lymphocytes were gated.