

For Research Use Only

PE Anti-Human CD27 (O323)

Catalog Number: PE-65132



Basic Information

Catalog Number: PE-65132	GenBank Accession Number: BC012160	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 939	CloneNo.: O323
Source: Mouse	Full Name: CD27 molecule	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG1, kappa	Calculated MW: 29 kDa	

Applications

Tested Applications:
FC

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

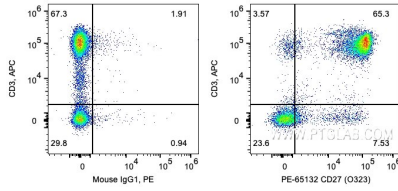
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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

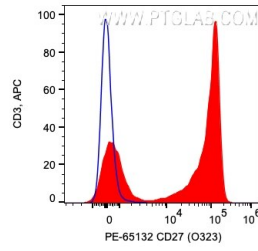
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with APC Anti-Human CD3 and 5 ul PE Anti-Human CD27 (PE-65132, Clone:O323) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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