

For Research Use Only

Anti-Human CD27 (O323)

Catalog Number: 65132-1-Ig



Basic Information

Catalog Number: 65132-1-Ig	GenBank Accession Number: BC012160	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 939	CloneNo.: O323
Source: Mouse	ENSEMBL Gene ID: ENSG00000139193	
Isotype: IgG1, kappa	UNIPROT ID: P26842	
	Full Name: CD27 molecule	
	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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

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

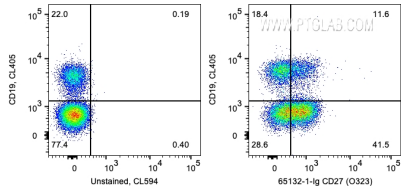
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



1X10⁶ human PBMCs were surface co-stained with CL405 Anti-Human CD19 and 0.5 ug Anti-Human CD27 (65132-1-Ig, Clone:O323) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000. Cells were not fixed. Lymphocytes were gated.