

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	Full Name: CD27 molecule	
Isotype: IgG1	Calculated MW: 29 kDa	

Applications

Tested Applications:
FC, ELISA

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

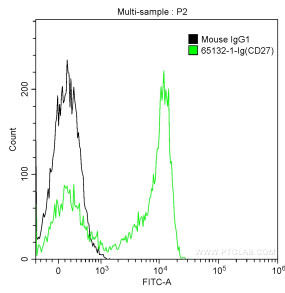
Storage:
Store at 2-8°C.

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide, pH 7.2.

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 peripheral blood lymphocytes were surface stained with 1.5 ug Anti-Human CD27 (65132-1-Ig, Clone:O323) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), or stained with 1.5 ug isotype control antibody and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (black). Samples were not fixed.