

For Research Use Only

CD27 Polyclonal antibody

Catalog Number: 11121-1-AP



Basic Information

Catalog Number: 11121-1-AP	GenBank Accession Number: BC012160	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 247 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 939	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: CD27 molecule	
Isotype: IgG	Calculated MW: 29 kDa	
Immunogen Catalog Number: AG1582	Observed MW: 45-50 kDa	

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : Raji cells,
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

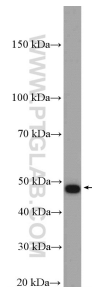
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

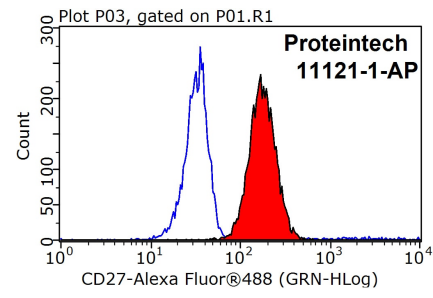
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 11121-1-AP (CD27 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



1×10^6 Raji cells were stained with 0.2ug CD27 antibody (11121-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.