

For Research Use Only

CD27 Recombinant antibody

Catalog Number: 85066-5-RR



Basic Information

Catalog Number:

85066-5-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC012160

GeneID (NCBI):

939

ENSEMBL Gene ID:

ENSG00000139193

UNIPROT ID:

P26842

Full Name:

CD27 molecule

Calculated MW:

29 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

242731F2

Recommended Dilutions:

WB 1:2000-1:10000

IF-P 1:300-1:1200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, IF-P, ELISA

Species Specificity:

human

Positive Controls:

WB : Ramos cells,

IF-P : human tonsillitis tissue,

IF/ICC : Ramos cells,

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

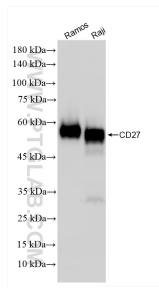
For technical support and original validation data for this product please contact:

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

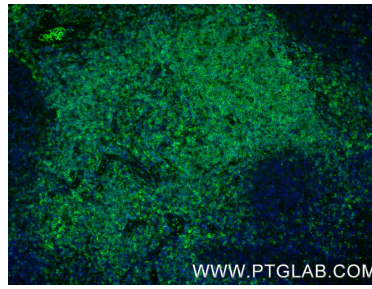
E: proteintech@ptglab.com
W: ptglab.com

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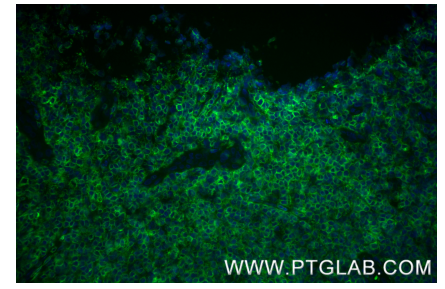
Selected Validation Data



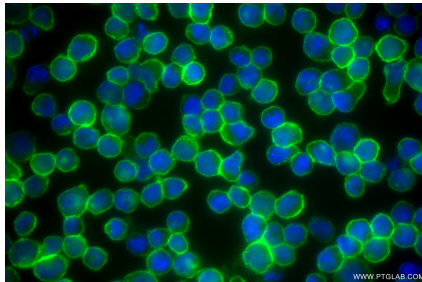
Various lysates were subjected to SDS PAGE followed by western blot with 85066-5-RR (CD27 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CD27 antibody (85066-5-RR, Clone: 242731F2) at dilution of 1:600 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CD27 antibody (85066-5-RR, Clone: 242731F2) at dilution of 1:600 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Ramos cells using CD27 antibody (85066-5-RR, Clone: 242731F2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).