

Nur für Forschungszwecke

# CD27 Monoklonaler Antikörper

Katalog-Nr.:66308-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 66308-1-Ig	<b>GenBank-Zugangsnummer:</b> BC012160	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1500 µg/ml von939 Nanodrop und 505 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 1505939	<b>CloneNo.:</b> 1C1G3
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> CD27 molecule	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:5000 IHC 1:1000-1:4000 IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 29 kDa	
<b>Immunogen Katalognummer:</b> AG24537	<b>Beobachtete Masse:</b> 50-55 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : Raji-Zellen, Daudi-Zellen, Ramos-Zellen IHC : humanes Tonsillitisgewebe, IF : humanes Tonsillitisgewebe,
<b>Getestete Reaktivität:</b> Human	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

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.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

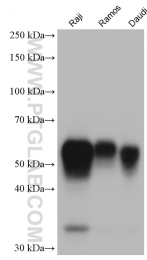
For technical support and original validation data for this product please contact:

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

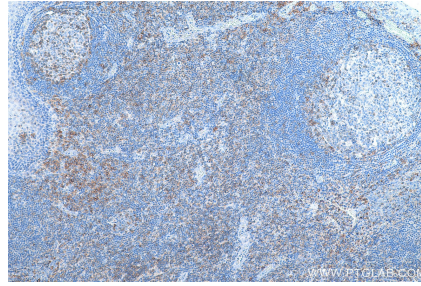
E: proteintech@ptglab.com  
W: ptglab.com

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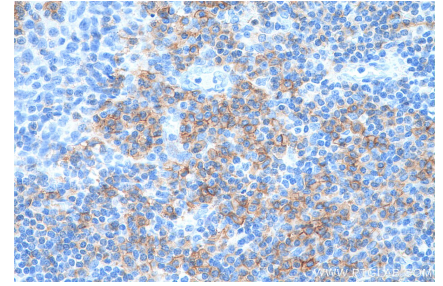
## Ausgewählte Validierungsdaten



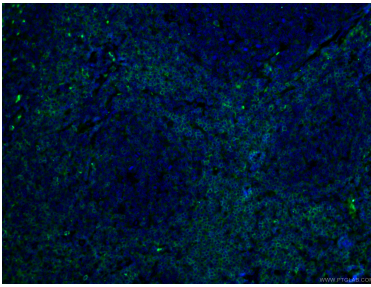
Various lysates were subjected to SDS PAGE followed by western blot with 66308-1-Ig (CD27 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



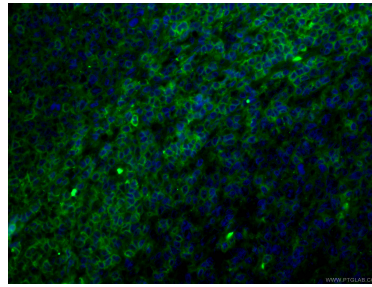
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66308-1-Ig (CD27 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



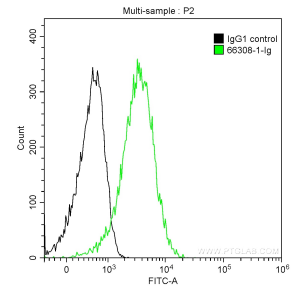
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66308-1-Ig (CD27 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66308-1-Ig (CD27 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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$1 \times 10^6$  Raji cells were surface stained with 0.2 ug Anti-Human CD27 (66308-1-Ig, Clone:1C1G3) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were not fixed.