

## ARG59506 anti-CD27 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes CD27
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD27
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 20-191 of Human CD27 (NP_001233.1).
Conjugation	Un-conjugated
Alternate Names	T-cell activation antigen CD27; Tp55; CD antigen CD27; CD27 antigen; S152. LPFS2; T14; S152; Tumor necrosis factor receptor superfamily member 7; CD27L receptor; TNFRSF7

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse thymus and Jurkat	
Observed Size	50 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

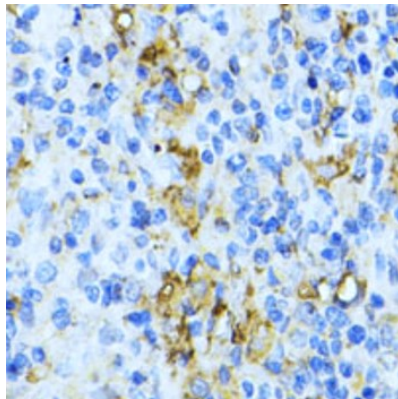
Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

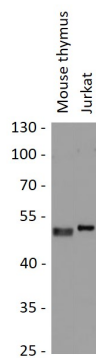
Gene Symbol	CD27
Gene Full Name	CD27 molecule
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq, Jul 2008]
Function	Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1. [UniProt]
Calculated Mw	29 kDa
PTM	Phosphorylated.  O-glycosylated with core 1 or possibly core 8 glycans. [UniProt]
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

## Images



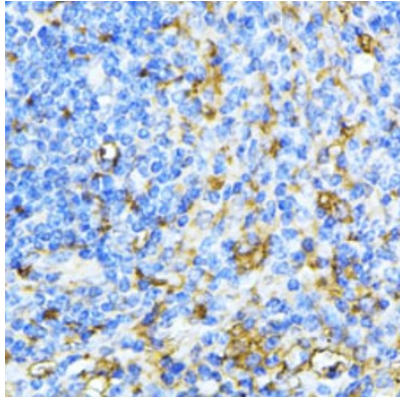
ARG59506 anti-CD27 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat spleen stained with ARG59506 anti-CD27 antibody at 1:100 dilution.



ARG59506 anti-CD27 antibody WB image

Western blot: 25 µg of Mouse thymus and Jurkat cell lysate stained with ARG59506 anti-CD27 antibody at 1:3000 dilution.



**ARG59506 anti-CD27 antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Mouse spleen stained with ARG59506 anti-CD27 antibody at 1:100 dilution.