

## CD27 Antibody

Catalog No: #32512

Package Size: #32512-1 50ul #32512-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

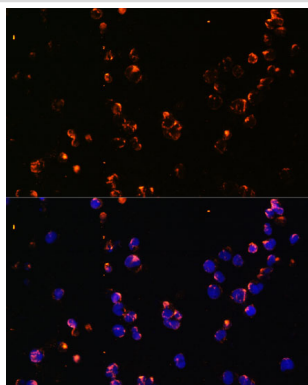
## Description

Product Name	CD27 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CD27 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CD27.
Target Name	CD27
Other Names	MGC20393; S152; T14; TNFRSF7; Tp55
Accession No.	Swiss-Prot:P26842NCBI Gene ID:939
Uniprot	P26842
GeneID	939;
SDS-PAGE MW	50KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

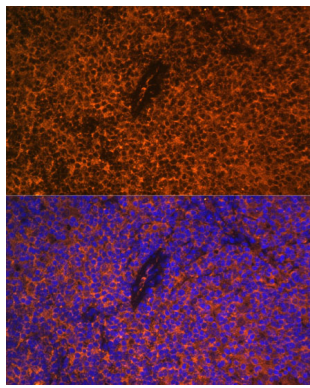
## Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

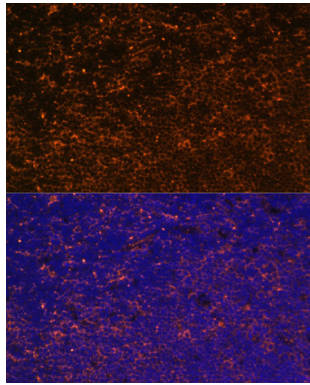
## Images



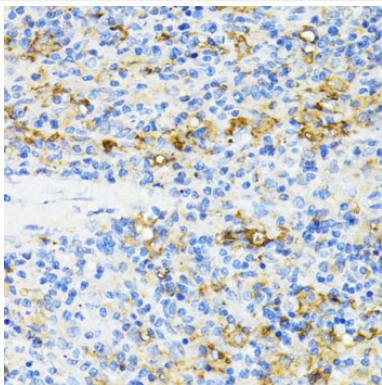
Immunofluorescence analysis of Jurkat cells using CD27 at dilution of 1:100. Blue: DAPI for nuclear staining.



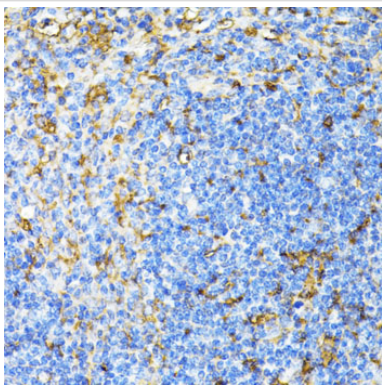
Immunofluorescence analysis of rat thymus using CD27 at dilution of 1:100. Blue: DAPI for nuclear staining.



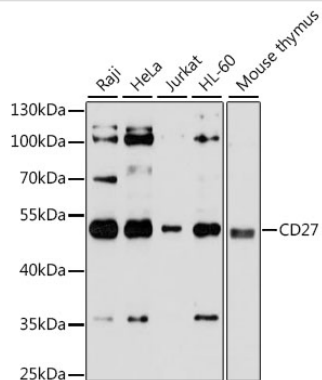
Immunofluorescence analysis of mouse thymus using CD27 at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat spleen using CD27 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using CD27 at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using CD27 at 1:3000 dilution.

## Background

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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.

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Note: This product is for in vitro research use only