

Datasheet for ABIN7266175

anti-CD27 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CD27
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD27 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	CD27 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD27
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD27
Alternative Name:	CD27 (CD27 Products)
Background:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is

Target Details

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],S152, S152. LPFS2, T14, TNFRSF7, Tp55,Apoptosis,Cancer,CDs,Cell Biology & Developmental Biology,Cell Intrinsic Innate Immunity Signaling Pathway,Cytokines,Cytokines_TNF,Hematopoietic Progenitors,Immunology & Inflammation,Stem Cells,Tumor immunology,CD27

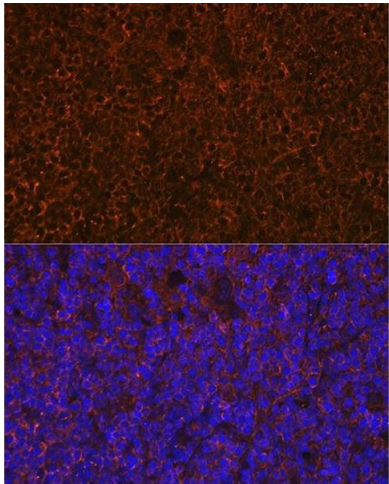
Molecular Weight:	55kDa
Gene ID:	939
UniProt:	P26842
Pathways:	Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

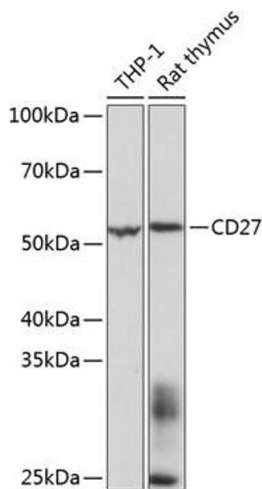
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



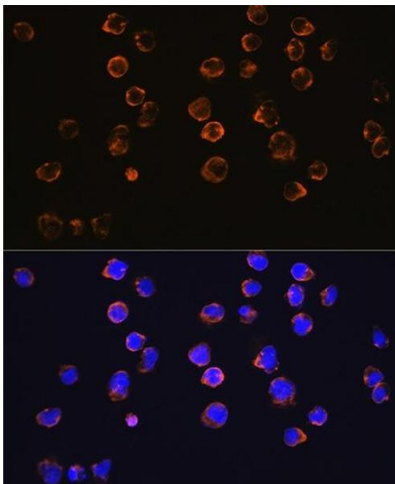
Immunofluorescence

Image 1. Immunofluorescence analysis of rat thymus using CD27 Rabbit mAb (ABIN7266175) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD27 Rabbit mAb (ABIN7266175) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Immunofluorescence

Image 3. Immunofluorescence analysis of Jurkat cells using CD27 Rabbit mAb (ABIN7266175) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.