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Datasheet for ABIN3030375
anti-CD27 antibody (AA 196-225)

5 Images

Overview

Quantity:	0.4 mL
Target:	CD27
Binding Specificity:	AA 196-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD27 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 196-225 from the human protein was used as the immunogen for this CD27 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

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 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

Target Details

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.

UniProt: [P26842](#)

Pathways: [Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints](#)

Application Details

Application Notes: Titration of the CD27 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

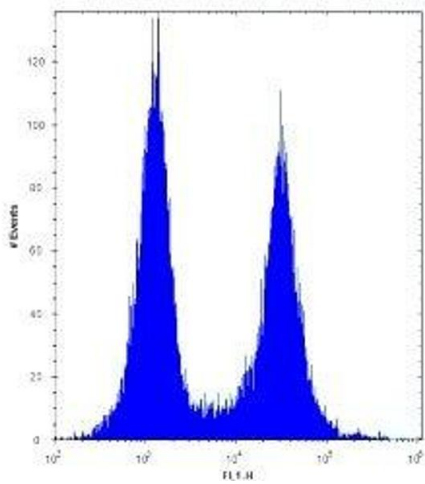
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

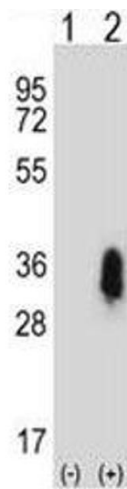
Storage: -20 °C

Storage Comment: Aliquot the CD27 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Flow Cytometry

Image 1. CD27 antibody flow cytometric analysis of Ramos cells (right histogram) compared to a negative control (left histogram). FITC-conjugated donkey-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. Western blot analysis of CD27 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the CD27 gene.



Western Blotting

Image 3. CD27 antibody western blot analysis in Ramos lysate. Predicted molecular weight ~29 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030375.