SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CD27 antibody

Catalog Number: SL23615R

FOR RESEARCH USE ONLY

[DATASHEET]

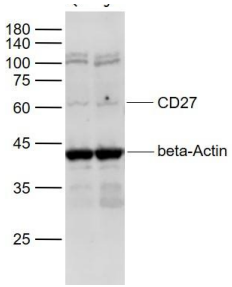
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CD27
Immunogen:	KLH conjugated synthetic peptide derived from human CD27: 101-200/250 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse)
Predicted MW.:	27kDa
Subcellular Location:	The cell membrane
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. **Subunit:** Homodimer. Interacts with SIVA1 and TRAF2. **Subcellular Location:** Membrane; Single-pass type I membrane protein.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Found in most T-lymphocytes. **Post-translational modifications:** Phosphorylated. O-glycosylated with core 1 or possibly core 8 glycans. **Similarity:** Contains 3 TNFR-Cys repeats. **Database links:** **Entrez Gene:** 939 Human **Entrez Gene:** 21940 Mouse **Entrez Gene:** 500318 Rat Omim: 186711 Human **SwissProt:** P26842 Human **SwissProt:** P41272 Mouse **Unigene:** 355307 Human **Unigene:** 367714 Mouse **Unigene:** 134200 Rat

[VALIDATION IMAGES]



Sample:
Lane 1: Molt-4 (Human) Cell Lysate at 30 ug
Lane 2: Jurkat (Human) Cell Lysate at 30 ug
Primary:
Anti-CD27 (SL23615R) at 1/1000 dilution
Anti-beta-Actin (SL0061R) at 1/2000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50-55 kD
Observed band size: 60 kD

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