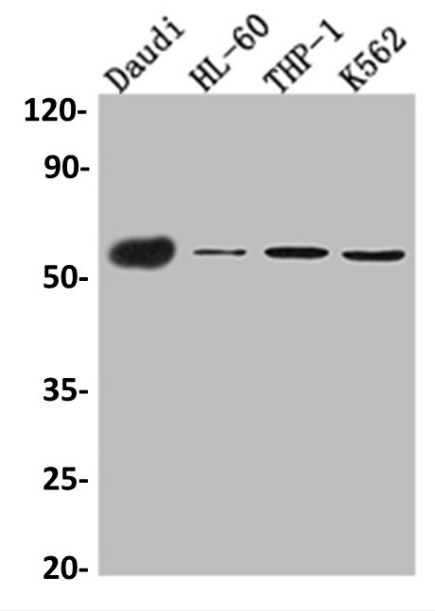
RecomAb™

CD27 recombinant monoclonal antibody, clone 4A1

Catalog # RAB07438 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Daudi whole cell lysate, HL-60 whole cell lysate, THP-1 cell lysate, K562 cell lysate with CD27 recombinant monoclonal antibody, clone 4A1 (Cat # RAB07438).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD27.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CD27.
Theoretical MW (kDa)	Calculated MW: 30
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system

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Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  Western blot analysis of Daudi whole cell lysate, HL-60 whole cell lysate, THP-1 cell lysate, K562 cell lysate with CD27 recombinant monoclonal antibody, clone 4A1 (Cat # RAB07438).

Gene Info — CD27

Entrez GeneID	939
Protein Accession#	P26842
Gene Name	CD27
Gene Alias	MGC20393, S152, T14, TNFRSF7, Tp55
Gene Description	CD27 molecule
Omim ID	186711
Gene Ontology	Hyperlink

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Gene Summary	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
Other Designations	CD27 antigen|CD27L receptor|T cell activation antigen CD27|T cell antivation antigen S152|tumor necrosis factor receptor superfamily, member 7

Pathway

- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchial Hyperreactivity
- Genetic Predisposition to Disease
- Hematologic Diseases
- Kidney Failure
- Multiple Myeloma
- Occupational Diseases

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