

CD27 (AB2342) mouse mAb

W0012

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- WB; IF; ELISA

MW

- 29 kDa (calculated)
- 40 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

WB; IF; ELISA

Dilution

WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB2342
Immunogen	A synthetic peptide corresponding to the amino acid region 160 - 260 of the human CD27 protein.
Specificity	This antibody detects endogenous levels of CD27 protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	CD27		
Protein Name	CD27		
Database Link	Organism	Swiss Prot.	Gene ID
	Human	P26842	939

Background	CD27 molecule (CD27) Homo sapiens 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],
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