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CD27 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13740b

Specification

CD27 Antibody (C-term) Blocking peptide - Product Information

Primary Accession P26842

CD27 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 939

Other Names
CD27 antigen, CD27L receptor, T-cell activation antigen CD27, T14, Tumor necrosis factor receptor superfamily member 7, CD27, CD27, TNFRSF7

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13740b was selected from the C-term region of CD27. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CD27 Antibody (C-term) Blocking peptide - Protein Information

Name CD27

Synonyms TNFRSF7

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.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Found in most T-lymphocytes.

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CD27 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

CD27 Antibody (C-term) Blocking peptide - Images

CD27 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene is a member of theTNF-receptor superfamily. This receptor is required for generationand long-term maintenance of T cell immunity. It binds to ligandCD70, and plays a key role in regulating B-cell activation andimmunoglobulin synthesis. This receptor transduces signals thatlead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteinsTRAF2 and TRAF5 have been shown to mediate the signaling process ofthis receptor. CD27-binding protein (SIVA), a proapoptotic protein,can bind to this receptor and is thought to play an important rolein the apoptosis induced by this receptor.

CD27 Antibody (C-term) Blocking peptide - References

Jiang, J., et al. J. Clin. Immunol. 30(4):566-573(2010)Arimoto-Miyamoto, K., et al. Immunology 130(1):137-149(2010)Mizuochi, T., et al. J. Interferon Cytokine Res. 30(4):243-252(2010)Davila, S., et al. Genes Immun. 11(3):232-238(2010)Neron, S., et al. Arch. Immunol. Ther. Exp. (Warsz.) 57(6):447-458(2009)