

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

**Specification**

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**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.

## **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 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.

## **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)