

**CD54 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2877b****Specification**

---

**CD54 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P05362](#)

**CD54 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 3383

**Other Names**

Intercellular adhesion molecule 1, ICAM-1, Major group rhinovirus receptor, CD54, ICAM1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2877b](/products/AP2877b) was selected from the C-term region of human CD54. 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.

**CD54 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** ICAM1

**Function**

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation.

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**CD54 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CD54 Antibody (C-term) Blocking Peptide - Images**

#### **CD54 Antibody (C-term) Blocking Peptide - Background**

CD54 is a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.

#### **CD54 Antibody (C-term) Blocking Peptide - References**

Podgrabinska, S., J. Immunol. 183 (3), 1767-1779 (2009) Navarro-Hernandez, R.E., Dis. Markers 26 (3), 119-126 (2009)