

**RHCE Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19405b****Specification**

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**RHCE Antibody (C-term) Blocking Peptide - Product Information****RHCE Antibody (C-term) Blocking Peptide - Additional Information****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.

**RHCE Antibody (C-term) Blocking Peptide - Protein Information****RHCE Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**RHCE Antibody (C-term) Blocking Peptide - Images****RHCE Antibody (C-term) Blocking Peptide - Background**

The Rh blood group system is the second most clinically significant of the blood groups, second only to ABO. It is also the most polymorphic of the blood groups, with variations due to deletions, gene conversions, and missense mutations. The Rh blood group includes this gene which encodes both the RhC and RhE antigens on a single polypeptide and a second gene which encodes the RhD protein. The classification of Rh-positive and Rh-negative individuals is determined by the presence or absence of the highly immunogenic RhD protein on the surface of erythrocytes. A mutation in this gene results in a morph-type Rh-null disease. Alternative splicing of this gene results in four transcript variants encoding four different isoforms.

**RHCE Antibody (C-term) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Hue-Royce, K., et al. Vox Sang. 98 (3 PT 1), E263-E268 (2010) :Schmid, P., et al. Transfusion 50(1):267-269(2010) Hipsky, C.H., et al. Immunohematology 26(2):57-59(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)