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CD201 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP2887c

Specification

CD201 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O9UNN8

CD201 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10544

Other Names
Endothelial protein C receptor, Activated protein C receptor, APC receptor, Endothelial cell protein C receptor, CD201, PROCR, EPCR

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2887c was selected from the Center region of human CD201. 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.

CD201 Antibody (Center) Blocking Peptide - Protein Information

Name PROCR

CD201 Antibody (Center) Blocking Peptide - Background

PROCR (CD201) is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in its gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy.

CD201 Antibody (Center) Blocking Peptide - References

Menschikowski,M., Exp. Cell Res. 315 (15), 2673-2682 (2009)Nayak,R.C., Blood 114 (9), 1974-1986 (2009)

Synonyms EPCR

Function
Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation.

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

Tissue Location
Expressed strongly in the endothelial cells of arteries and veins in heart and lung, less intensely in capillaries in the lung and skin, and not at all in the endothelium of small vessels of the liver and kidney

CD201 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides