

Rabbit anti-Human Soluble Endothelial Protein C Receptor (sEPCR) mAb(DET)

Catalog No.: RM98009

Basic Information

Catalog No.
RM98009

Category
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -82°C. Preservative-Free.

Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.1% Bredas MB-1, PH 7.6.

Contact

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Background

EPCR (the Endothelial Protein C Receptor), also known as CD201, is a transmembrane glycoprotein expressed on vascular endothelial cells. EPCR inhibits thrombosis through its interactions with Protein C, activated Protein C (APC), and Coagulation Factors VII, and VIIa. It enhances the activation of Protein C in response to complexes of Thrombin-Thrombomodulin. A soluble form of EPCR inhibits the anti-coagulant activity of APC. EPCR binds to CD11b/CD18 (Mac-1) on monocytes and mediates monocyte adhesion to the vascular endothelium. In addition, it binds to the antigen receptor on gamma/delta T cells, promotes hematopoietic stem cell retention in the bone marrow, and contributes to malaria pathogenicity through binding surface proteins on Plasmodium.

Immunogen Information

Immunogen
Recombinant Human Soluble Endothelial Protein C Receptor (sEPCR)

Cross-Reactivity

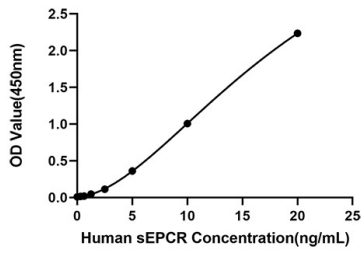
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Assay Applications

Human Soluble Endothelial Protein C Receptor (sEPCR) Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.25-1µg/mL	Rabbit anti-Human Soluble Endothelial Protein C Receptor (sEPCR) mAb(CAP)(Cat. No.RM98008)
ELISA Detection	0.005-0.02µg/mL	Rabbit anti-Human Soluble Endothelial Protein C Receptor (sEPCR) mAb(DET)(Cat. No.RM98009)
Standard	0.31-20ng/mL	Recombinant Human Soluble Endothelial Protein C Receptor (sEPCR) Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.