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Mouse Anti-Human Protein C Monoclonal Antibody Datasheet

Product Name: mAb anti-human Protein C

Clone No.: HLW-C

Catalogue No.: MO-M40038

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human protein C

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human Protein C

Immunogen: Purified human Protein C derived from human blood

Fusion Myeloma: Sp2/0-Ag14

Species Reactivity: Human, others not tested

Host /isotype: Mouse, IgG2b Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Hematology, anti-coagulation

Background: Protein C is a vitamin K dependant glycoprotein in blood. Activated Protein C (APC) functions as an anti-coagulation factor in blood by proteolyzing pro-coagulation factors including Factor V and Factor VIII. When bound with endothelial protein C receptor (EPCR) on vascular endothelial cells, APC acts on protease activated receptor I (PAR-1) to up-regulate the expression of genes involved with anti-inflammatory and anti- apoptotic pathways, thus it also possesses a cell protective function. Protein C is activated by binding with thrombin. The activation is enhanced by thrombomodulin and EPCR.

Applications: ELISA

References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

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