PROC monoclonal antibody, clone HLW-C

Catalog # MAB6399 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against native PROC.
Immunogen	Native purified human blood PROC.
Host	Mouse
Reactivity	Human
Form	Lyophilized
Isotype	IgG2b, kappa
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — PROC

Entrez GeneID	5624
Gene Name	PROC
Gene Alias	PC, PROC1
Gene Description	protein C (inactivator of coagulation factors Va and VIIIa)

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Omim ID	176860
Gene Ontology	Hyperlink
Gene Summary	The PROC gene encodes protein C (EC 3.4.21.69), a vitamin K-dependent plasma glycoprotein that is a key component of the anticoagulant system. Protein C is cleaved to its activated form, 'activated protein C' (APC) on endothelial cells by the thrombin-thrombomodulin complex (MIM 176930; MIM 188040) and then acts as a serine protease to degrade the activated forms of coagulation factors V (F5; MIM 612309) and VIII (F8; see MIM 306700). Protein S (PROS1; MIM 176880), also a vitamin K-dependent plasma protein, functions as a cofactor to activated protein C.[supplied by OMIM
Other Designations	-

Pathway

- Complement and coagulation cascades

Disease

- Acute Disease
- Cadaver
- Cardiovascular Diseases
- Chorioamnionitis
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Fetal Membranes
- Genetic Predisposition to Disease
- Inflammation
- Kidney Failure
- Meningococcal Infections
- Multiple Organ Failure

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- Obstetric Labor
- Postoperative Complications
- Pre-Eclampsia
- Pregnancy Complications
- Premature Birth
- Protein C Deficiency
- Sepsis
- Stroke
- Thrombophilia
- Thrombosis
- Vascular Diseases
- Venous Thrombosis

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