

Datasheet for ABIN2657022
anti-PROCR antibody (APC)



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1 Image

Overview

Quantity:	100 µg
Target:	PROCR
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This PROCR antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Clone:	RCR-16
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

Target Details

Target:	PROCR
Alternative Name:	CD201 (PROCR Products)
Background:	Endothelial protein C receptor (EPCR), also known as CD201, is a 46 kD N-glycosylated type I transmembrane protein, primarily expressed on the endothelial cells of arteries and veins in heart and lung. It is also expressed at high levels on a subset of hematopoietic stem cells and a subset of dendritic cells. CD201 functions as a primary receptor for protein C activation, and

Target Details

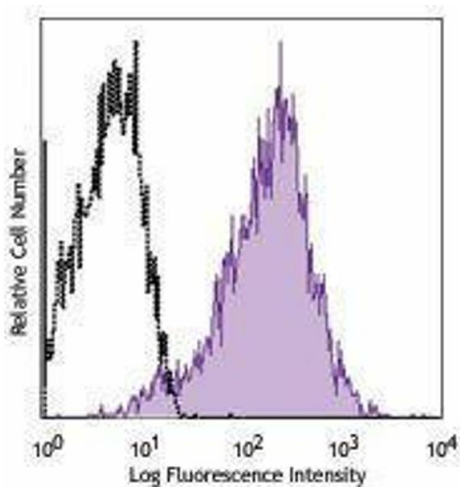
results in inhibition of both intrinsic and extrinsic coagulation pathways. It also plays an important role in many pathophysiologic processes, such as inflammation responses to infection, trauma, hematopoiesis, and autoimmune response. Deletion of the CD201 gene in knock-out mice leads to embryonic lethality before embryonic day 10, indicating that CD201 expression is critical for embryo development. In humans, mutations of CD201 have been associated with venous thromboembolism and myocardial infarction as well as with late fetal loss during pregnancy.

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0.2 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C



Flow Cytometry

Image 1.