

Datasheet for ABIN2664374
anti-PROCR antibody



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1 Image

Overview

Quantity:	25 µg
Target:	PROCR
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This PROCR antibody is un-conjugated
Application:	Intracellular Flow Cytometry (ICFC)

Product Details

Clone:	RCR-16
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography.

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 results in inhibition of both intrinsic and extrinsic coagulation pathways. It also plays an

Target Details

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.

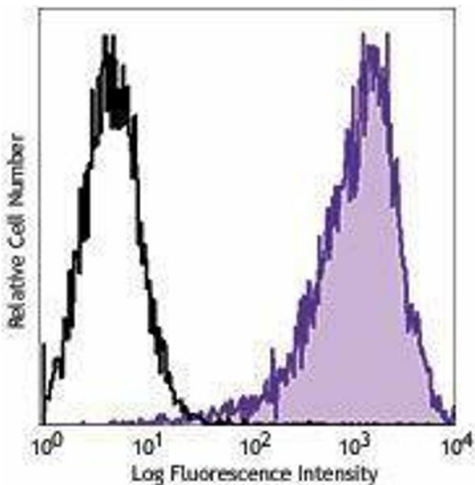
Application Details

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

Handling

Concentration:	0.5 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.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.