

Datasheet for ABIN2689080
anti-PROCR antibody



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2 Publications

Overview

Quantity:	0.1 mg
Target:	PROCR
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This PROCR antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Brand:	BD Pharmingen™
Clone:	RCR
Isotype:	IgG1 kappa
Characteristics:	Reacts with endothelial cell protein C receptor (EPCR), a 25 kDa, type I transmembrane glycoprotein, expressed on endothelial cells in arteries, veins and capillaries. EPCR is also referred to as CD201. It binds protein C and augments its activation. Reports indicate that EPCR is expressed on several malignant cell lines. Malignant cell lines that express EPCR also show significant levels of protein C activation and this activation could be inhibited by anti-EPCR antibody. This antibody is routinely tested by flow cytometric analysis. Other applications were tested during antibody development only or reported in the literature. Profile of anti-CD201 (RCR-252) reactivity on ECV304 cells analyzed by flow cytometry. Second step staining with Cat. No. 554016.

Product Details

BD Pharmingen™ Purified Rat Anti-Human CD201 - Purified - Clone RCR-252 - Isotype Rat IgG1, κ - Reactivity Hu - 0.1 mg

Purification: The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Target Details

Target: PROCR

Alternative Name: CD201 ([PROCR Products](#))

Background: Synonyms: EPCR

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: Aqueous buffered solution 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: Store undiluted at 4°C.

Publications

Product cited in: Biguzzi, Merati, Liaw, Bucciarelli, Oganessian, Qu, Gu, Fétiqueau, Esmon, Mannucci, Faioni: "A 23bp insertion in the endothelial protein C receptor (EPCR) gene impairs EPCR function." in: **Thrombosis and haemostasis**, Vol. 86, Issue 4, pp. 945-8, (2001) ([PubMed](#)).

Tsuneyoshi, Fukudome, Horiguchi, Ye, Matsuzaki, Toi, Suzuki, Kimoto: "Expression and anticoagulant function of the endothelial cell protein C receptor (EPCR) in cancer cell lines." in: **Thrombosis and haemostasis**, Vol. 85, Issue 2, pp. 356-61, (2001) ([PubMed](#)).

