

PROCR monoclonal antibody, clone LMR-42

Catalog # MAB3398

Size

Specification

Product Description	Rat monoclonal antibody raised against human PROCR.
Immunogen	Expression cloning revealed that the LMR-42 antigen is identical to the human endothelial cell protein C receptor (EPCR).
Host	Rat
Reactivity	Human
Specificity	The rat monoclonal antibody LMR-42 detects an outer-surface epitope of a 55 KDa plasma membrane protein over-expressed in several human non-Pgp multidrug-resistant (MDR) tumor cell lines.
Form	Liquid
Isotype	IgG2a
Recommend Usage	Flow Cytometry (No cell permeabilization required) Immunohistochemistry (Use at a 1:20 dilution on frozen sections, air-dried or acetone fixed cells.) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum-free culture supernatant (0.09% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Flow Cytometry

Gene Info — PROCR

Entrez GeneID [10544](#)

Gene Name PROCR

Gene Alias CCCA, CCD41, CD201, EPCR, MGC23024, bA42O4.2

Gene Description protein C receptor, endothelial (EPCR)

Omim ID [600646](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. [provided by RefSeq]

Other Designations APC receptor|CD201 antigen|OTTHUMP00000030729|activated protein C receptor|cell cycle, centrosome-associated protein|centrocyclin|endothelial protein C receptor

Disease

- [Abortion](#)
- [Atherosclerosis](#)
- [beta-Thalassemia](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Coronary Disease](#)
- [Coronary Stenosis](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Embryo Loss](#)
- [Fetal Death](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)
- [Inflammation](#)
- [Intracranial Thrombosis](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Pregnancy Complications](#)
- [Pulmonary Embolism](#)
- [Retinal Vein Occlusion](#)
- [Sepsis](#)
- [Stroke](#)
- [Thalassemia](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombophlebitis](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)