10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PROCR Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant PROCR.
Catalog # AT3440a

Product Information

Application	WB, IHC, IF
Primary Accession	Q9UNN8
Other Accession	BC014451
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	M2
Calculated MW	26671

Additional Information

Gene ID	10544
Other Names	Endothelial protein C receptor, Activated protein C receptor, APC receptor, Endothelial cell protein C receptor, CD201, PROCR, EPCR
Target/Specificity	PROCR (AAH14451.1, 1 a.a. ~ 238 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PROCR Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

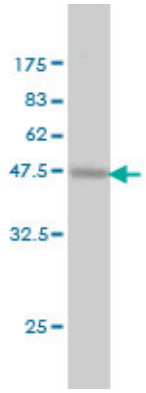
The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated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

References

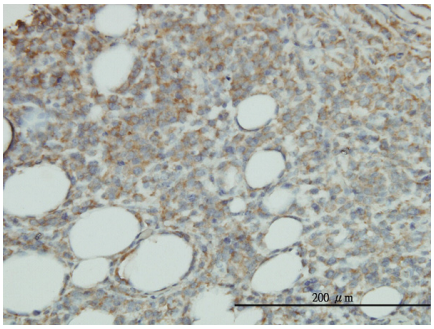
1.Inhibitory effects of epi-sesamin on endothelial protein C receptor shedding in vitro and in vivo.Ku SK, Lee W, Yoo H, Han CK, Bae JSInflamm Res. 2013 Jul 25.2.Rosmarinic acid down-regulates endothelial protein C

receptor shedding in vitro and in vivo.Ku SK, Yang EJ, Song KS, Bae JSFood Chem Toxicol. 2013 Jun 14;59C:311-315. doi: 10.1016/j.fct.2013.06.003.3.Down-regulation of endothelial protein C receptor shedding by persicarin and isorhamnetin-3-O-galactoside.Ku SK, Han MS, Bae JSThromb Res. 2013 May 30. pii: S0049-3848(13)00196-5. doi: 10.1016/j.thromres.2013.05.004.4.Emodin-6-O-?]-D-glucoside down-regulates endothelial protein C receptor shedding.Lee W, Ku SK, Bae JSArch Pharm Res. 2013 Apr 16.

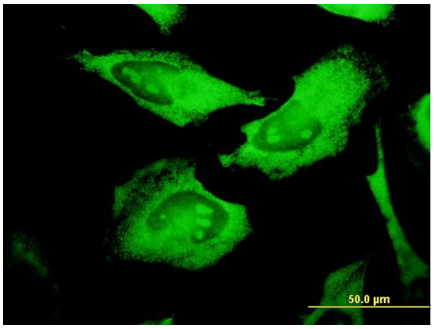
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (51.92 KDa) .



Immunoperoxidase of monoclonal antibody to PROCR on formalin-fixed paraffin-embedded human malignant lymphoma, diffuse large B tissue. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to PROCR on HeLa cell. [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.