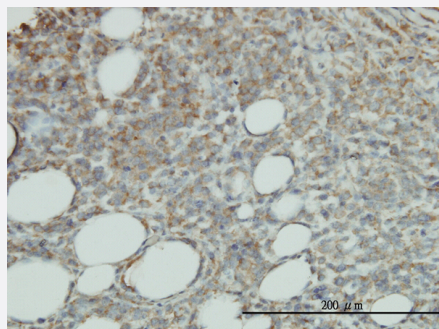


PROCR monoclonal antibody (M03), clone M2

Catalog # H00010544-M03

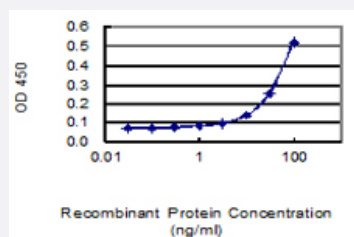
Size 100 ug

Applications



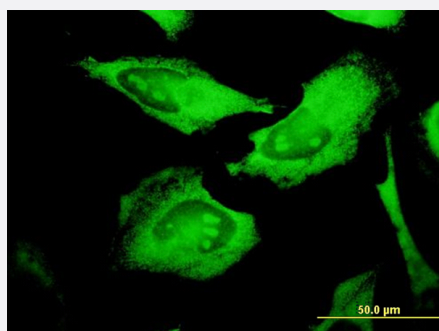
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



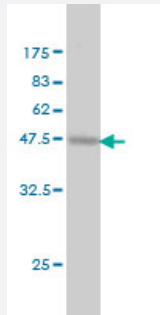
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PROCR is 3 ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (51.92 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant PROCR.
Immunogen	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.
Sequence	MLTLLPILLLSGWAFCSQDASDGLQRLHMLQISYFRDPYHVWYQGNASLGGHLTHVLEGPDTNT TIQLQPLQEPESWARTQSGLQSYLLQFHGLVRLVHQERTLAFPLTIRCFLGCELPPEGSRAHVFF EVAVNGSSFVSFRPERALWQADTQVTSGVVTFLLQQLNAYNRTRYELREFLEDTCVQYVQKHISA ENTKGSQTSRSYTSVLGVLVGGFIAGVAVGIFLCTGGRRRC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (65); Rat (67)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (51.92 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PROCR is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — PROCR

Entrez GeneID [10544](#)

GeneBank Accession# [BC014451](#)

Protein Accession# [AAH14451.1](#)

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

Publication Reference

- [Anti-inflammatory effects of hyperoside in human endothelial cells and in mice.](#)

Ku SK, Zhou W, Lee W, Han MS, Na M, Bae JS.

Inflammation 2015 Apr; 38(2):784.

Application: ELISA, IHC, Human, Mouse, HUVEC, Blood vessels

- [Aspalathin and nothofagin from rooibos \(Aspalathus linearis\) inhibit endothelial protein C receptor shedding in vitro and in vivo.](#)

Kwak S, Han MS, Bae JS.

Fitoterapia 2015 Jan; 100:179.

Application: Competitive ELISA, Human, Mouse, Primary human umbilical vein endothelial cells (HUVECs), mouse plasma

- [Sulforaphane inhibits endothelial protein C receptor shedding in vitro and in vivo.](#)

Ku SK, Han MS, Bae JS.

Vascular Pharmacology 2014 Oct; 63(1):13.

Application: ELISA, Human, HUVECs

- [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 JS.

Inflammation Research 2013 Oct; 62(10):895.

Application: ELISA, Human, HUVECs

- [Rosmarinic acid down-regulates endothelial protein C receptor shedding in vitro and in vivo.](#)

Ku SK, Yang EJ, Song KS, Bae JS.

Food and Chemical Toxicology 2013 Sep; 59:311.

Application: ELISA, C-ELISA, Human, Mouse, HUVECs, Serum

- [Down-regulation of endothelial protein C receptor shedding by persicarin and isorhamnetin-3-O-galactoside.](#)

Ku SK, Han MS, Bae JS.

Thrombosis Research 2013 Jul; 132(1):e58.

Application: ELISA, C-ELISA, Human, HUVECs, Supernatants collected from HUVECs culture medium

- [Emodin-6-O- \$\beta\$ -D-glucoside down-regulates endothelial protein C receptor shedding.](#)

Lee W, Ku SK, Bae JS.

Archives of Pharmacal Research 2013 Sep; 36(9):1160.

Application: C-ELISA, Human, Mouse, HUVECs, Mouse serum

Disease

- [Abortion](#)
- [Atherosclerosis](#)
- [beta-Thalassemia](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
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- [Coronary Stenosis](#)
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