

For Research Use Only

EPCR/CD201 Recombinant antibody

Catalog Number: 84494-2-RR



Basic Information

Catalog Number:

84494-2-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1517

GenBank Accession Number:

NM_011171.2

GeneID (NCBI):

19124

UNIPROT ID:

Q64695

Full Name:

protein C receptor, endothelial

Calculated MW:

27kDa

Observed MW:

40-50 kDa

Purification Method:

Protein A purification

CloneNo.:

241853A9

Recommended Dilutions:

WB: 1:5000-1:50000

IF-P: 1:200-1:800

Applications

Tested Applications:

WB, IF-P, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse lung tissue, mouse placenta tissue

IF-P : mouse placenta tissue,

Background Information

Protein C receptor (PROCR), also known as activated protein C receptor (APC receptor), EPCR, or CD201, is a transmembrane glycoprotein. EPCR promotes the activation of protein C, which has anticoagulant and cytoprotective effects. EPCR facilitates the activation of protein C by the thrombin-thrombomodulin complex but also facilitates APC-mediated cytoprotective impact on cells that involve the activation of protease-activated receptors (PAR) 1 and 3 (PMID: 27207424).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

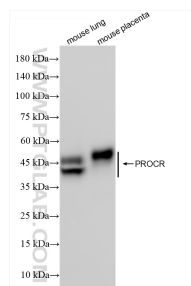
T: 4006900926

E: Proteintech-CN@ptglab.com

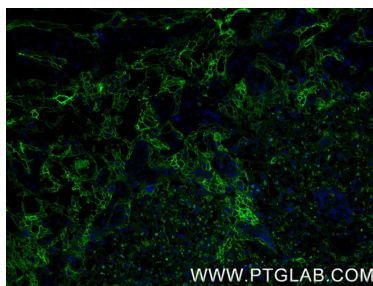
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84494-2-RR (EPCR/CD201 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse placenta tissue using EPCR/CD201 antibody (84494-2-RR, Clone: 241853A9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).