Leader in Biomolecular Solutions for Life Science

# EPCR/CD201 Rabbit mAb

Catalog No.: A24229 Recombinant



### **Basic Information**

Observed MW 49kDa

Calculated MW 26kDa

Category Primary antibody

Applications WB,FC,ELISA

Cross-Reactivity Human, Mouse

CloneNo number ARC60942

### 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. The encoded protein may also play a role in malarial infection and has been associated with cancer.

### **Recommended Dilutions**

WB	1:500 - 1:1000
FC	1:100 - 1:500
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID** 10544 Swiss Prot Q9UNN8

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 18-210 of human CD201/EPCR (NP\_006395.2).

#### **Synonyms**

PROCR; CCCA; CCD41; EPCR; protein C receptor; EPCR/CD201

### Contact

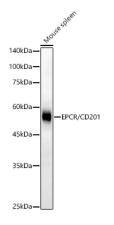
6	400-999-6126
$\times$	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

### **Product Information**

**Source** Rabbit **Isotype** IgG Purification Affinity purification

### Storage

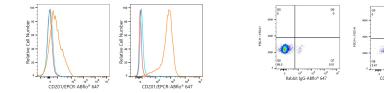
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.



Western blot analysis of lysates from Mouse spleen, using EPCR/CD201 Rabbit mAb (A24229) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



Flow cytometry: 1X10^6 Jurkat cells(low Expression,left) and A549 (right) were surface-stained with CD201/EPCR Rabbit mAb(A24229,2 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,2µg/mL,blue line),followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb (1:200 dilution) staining.Non-fluorescently stained cells were used as blank control (red line). Flow cytometry:1X10^6 A549 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,2 µg/mL,left) or CD201/EPCR Rabbit mAb(A24229,2 µg/mL,right).