

# FCGRT/FCRN Rabbit mAb

Catalog No.: A29364 **Recombinant**

## Basic Information

### Observed MW

50-60 kDa

### Calculated MW

40 kDa

### Category

Primary antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Mouse, Rat

### CloneNo number

ARC4105

## Background

Predicted to enable IgG binding activity and beta-2-microglobulin binding activity. Predicted to be involved in immune response. Predicted to be located in endosome membrane and plasma membrane. Predicted to be active in external side of plasma membrane and extracellular space. Is expressed in several structures, including genitourinary system; heart valve; intestine; sensory organ; and skeleton. Orthologous to human FCGRT (Fc gamma receptor and transporter).

## Recommended Dilutions

**WB** 1:10000 - 1:40000

**IHC-P** 1:1000 - 1:4000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ( $\geq 1:10000$ ) a sequential dilution method is strongly recommended to ensure measurement accuracy.

## Immunogen Information

### Gene ID

14132

### Swiss Prot

Q61559

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

FcRn

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

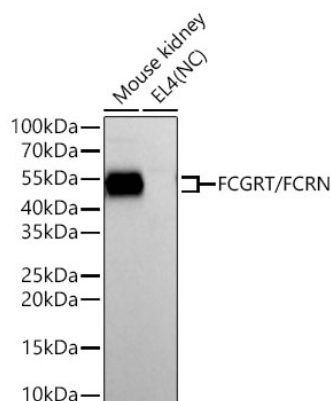
## Contact

☎ | 400-999-6126

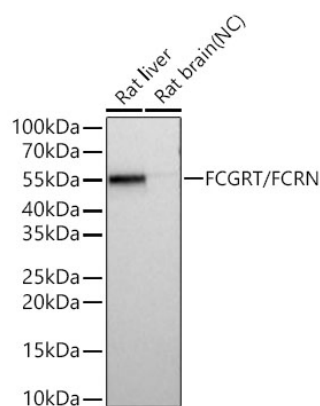
✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

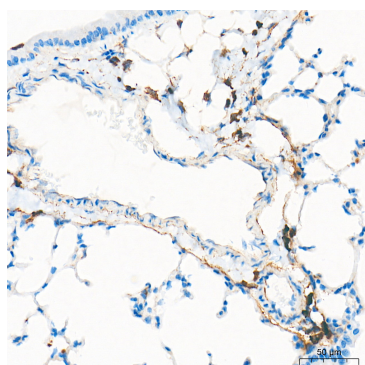
## Validation Data



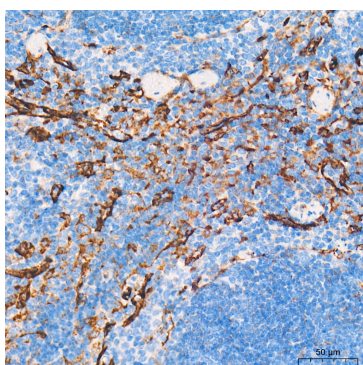
Western blot analysis of various lysates using FCGRT/FCRN Rabbit mAb (A29364) at 1:40000 dilution incubated overnight at 4°C.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): EL4.  
Exposure time: 90 s.



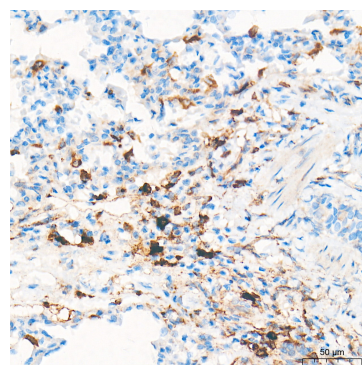
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Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): Rat brain.  
Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using FCGRT/FCRN Rabbit mAb (A29364) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



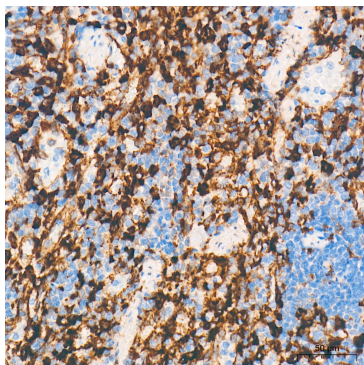
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using FCGRT/FCRN Rabbit mAb (A29364) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat lung tissue using FCGRT/FCRN Rabbit mAb (A29364) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using FCGR2/FCRN Rabbit mAb (A29364) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.