

CD35/CR1 Rabbit mAb

Catalog No.: A29453 **Recombinant**

Basic Information

Observed MW

250 kDa

Calculated MW

155 kDa

Category

Primary antibody

Applications

WB, IF-F, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC84570

Background

Enables complement receptor activity. Acts upstream of or within with a negative effect on complement activation, alternative pathway. Acts upstream of or within several processes, including cellular response to lipopolysaccharide; immunoglobulin mediated immune response; and skeletal system development. Located in external side of plasma membrane. Is expressed in several structures, including brain; hemolymphoid system; liver; placenta; and yolk sac. Human ortholog(s) of this gene implicated in common variable immunodeficiency 7; nasopharynx carcinoma; and systemic lupus erythematosus. Orthologous to human CR2 (complement C3d receptor 2).

Recommended Dilutions

WB 1:2000 - 1:5000**IF-F** 1:200 - 1:400**IHC-P** 1:200 - 1:1000

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.

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn

Immunogen Information

Gene ID

12902

Swiss Prot

/

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Cr1; C3DR; CD21; CD35; Cr-1; Cr-2

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

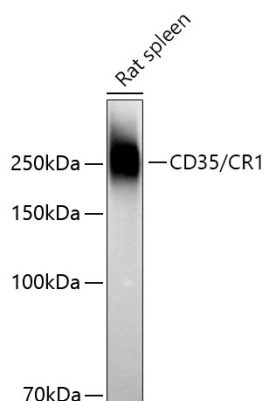
Store at -20°C. Avoid freeze / thaw cycles.

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



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Validation Data



Western blot analysis of lysates from Rat spleen using CD35/CR1 Rabbit mAb (A29453) at 1:5000 dilution incubated overnight at 4°C.

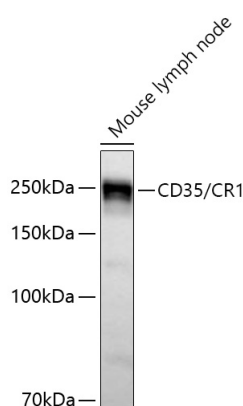
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45 s.



Western blot analysis of lysates from Mouse lymph node using CD35/CR1 Rabbit mAb (A29453) at 1:5000 dilution incubated overnight at 4°C.

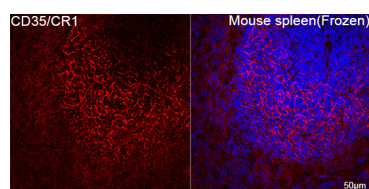
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

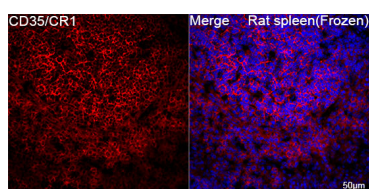
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

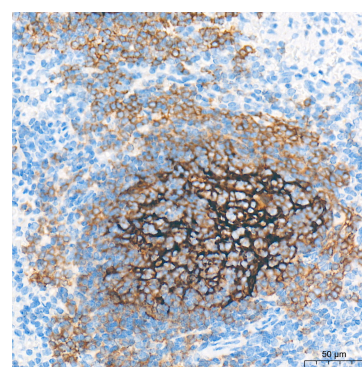
Exposure time: 90 s.



Confocal imaging of frozen sections of Mouse spleen tissue using CD35/CR1 Rabbit mAb (A29453, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

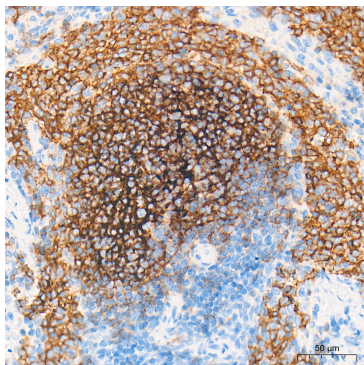


Confocal imaging of frozen sections of Rat spleen tissue using CD35/CR1 Rabbit mAb (A29453, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CD35/CR1 Rabbit mAb (A29453) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using CD35/CR1 Rabbit mAb (A29453) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.