

CD35/CR1 Rabbit mAb

Catalog NO.: A29453 **Recombinant**

Basic Information

Observed MW

250 kDa

Calculated MW

155 kDa

Category

Monoclonal Antibodies

Applications

WB, IF-F, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC84570

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 (≥1:10000), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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).

Immunogen Information

Gene ID	Swiss Prot
12902	/

Immunogen

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

Synonyms

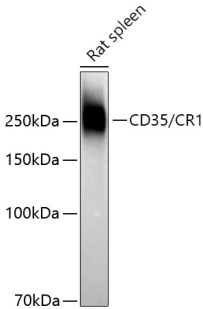
Cr1; C3DR; CD21; CD35; Cr-1; Cr-2

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	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.		

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.

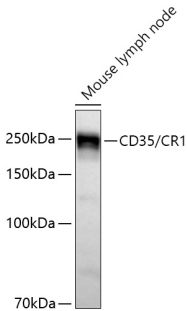
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.

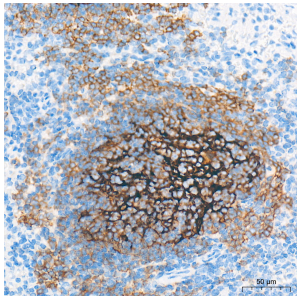
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

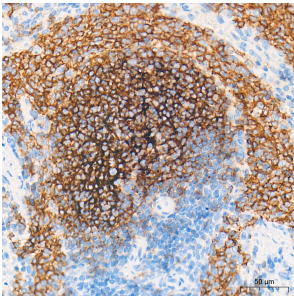
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

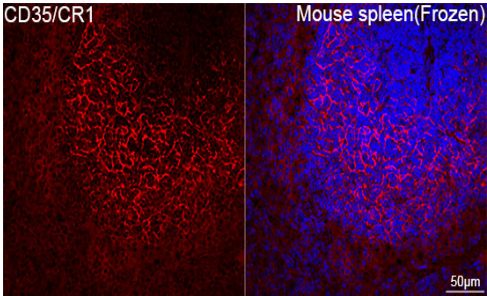
Exposure time: 90 s.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CD35/CR1 Rabbit mAb (A29453) at a dilution of 1:500 (40x lens).



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using CD35/CR1 Rabbit mAb (A29453) at a dilution of 1:500 (40x lens). High



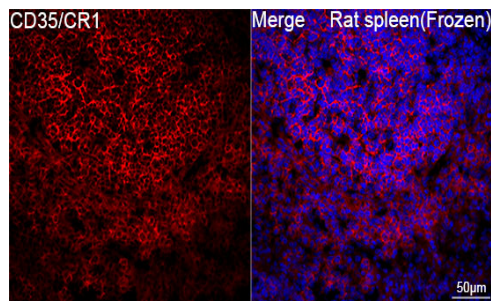
Confocal imaging of frozen sections of Mouse spleen tissue using CD35/CR1 Rabbit mAb (A29453, dilution 1:200) followed by a further incubation with Cy3-

High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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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.

Validation Data



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.

