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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 (≥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

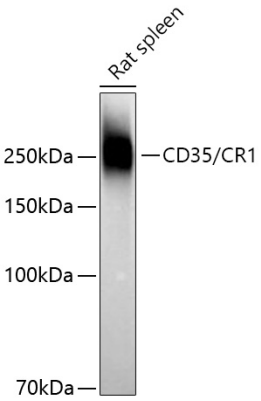
Source
Rabbit

Isotype
IgG

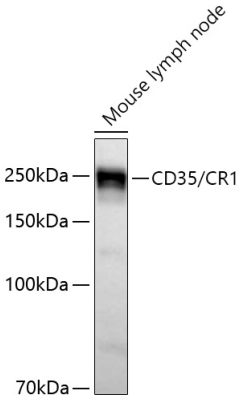
Purification
Affinity purification

Storage
Store at -20℃

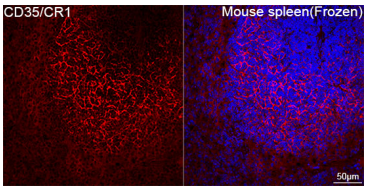
Validation Data



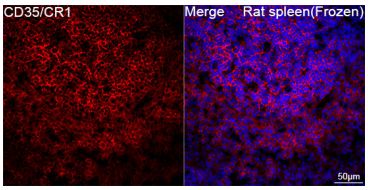
Western blot analysis of lysates from Rat spleen using CD35/CR1 Rabbit mAb (A29453) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.



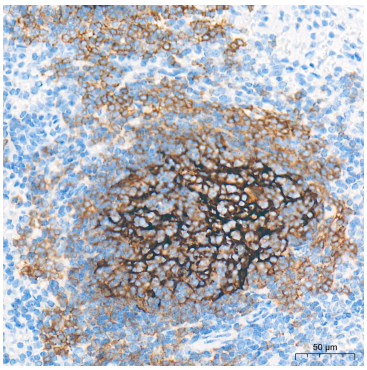
Western blot analysis of lysates from Mouse lymph node using CD35/CR1 Rabbit mAb (A29453) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
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.

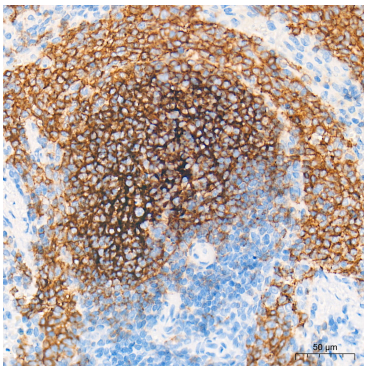


Confocal imaging of frozen sections of Rat spleen tissue using CD35/CR1 Rabbit mAb (A29453, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with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

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