

# CR2/CD21 Rabbit mAb

Catalog No.: A23512 **Recombinant**

## Basic Information

### Observed MW

152kDa

### Calculated MW

113kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human

### CloneNo number

ARC53763

## Background

This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:2000 - 1:10000

**IHC-P** 1:50 - 1:200

## Immunogen Information

### Gene ID

1380

### Swiss Prot

P20023

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 933-1033 of human CR2/CD21. (NP\_001868.2).

### Synonyms

CR; C3DR; CD21; CVID7; SLEB9; CR2/CD21

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

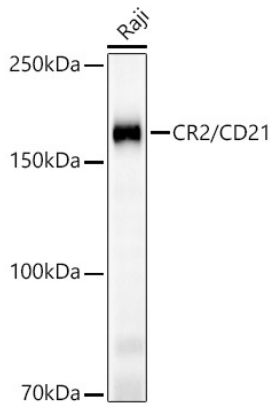
### Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Rat kidney, using CR2/CD21 Rabbit mAb (A23512) at 1:11000 dilution.

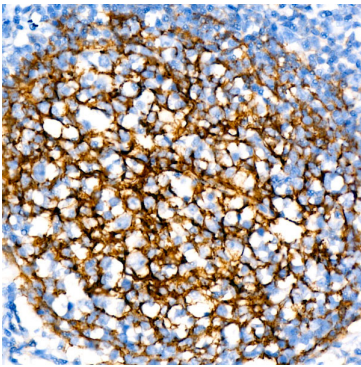
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

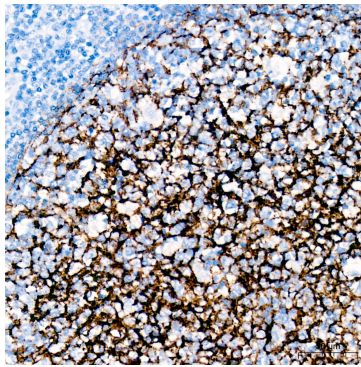
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CR2/CD21 Rabbit mAb (A23512) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CR2/CD21 Rabbit mAb (A23512) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.