

# CD55 Rabbit mAb

Catalog No.: A23694 **Recombinant**

## Basic Information

### Observed MW

70kDa

### Calculated MW

42kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

### CloneNo number

ARC60939

## Background

This gene encodes an inhibitor of both the classical and the alternative pathways of complement activation. The encoded preproprotein undergoes post-translational processing to generate a mature polypeptide anchored to the plasma membrane via a glycosylphosphatidylinositol moiety. Erythrocytes from mice deficient in the encoded protein exhibit impaired regulation of complement activation resulting in enhanced complement deposition. Mice lacking the encoded protein exhibit enhanced susceptibility to experimentally induced myasthenia gravis. This gene is located adjacent to a closely related gene on chromosome 1.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

13136

### Swiss Prot

Q61475

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 35-361 of mouse CD55 (NP\_034146.2).

### Synonyms

Daf; Daf1; Daf-GPI; GPI-DAF; CD55

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

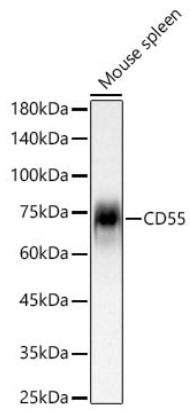
### Storage

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 Mouse spleen, using CD55 Rabbit mAb (A23694) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.