

A23694

Leader in Biomolecular Solutions for Life Science



CD55 Rabbit mAb

Catalog No.: A23694

Recombinant

Basic Information

Observed MW

70kDa

Calculated MW

42kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB, ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

13136

Swiss Prot

Q61475

Immunogen

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

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

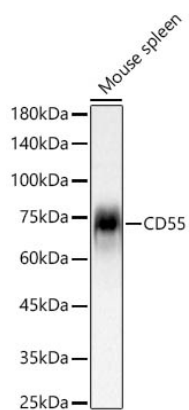
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Mouse spleen, using CD55 Rabbit mAb (A23694) at 1:1000 dilution.

Secondary antibody: HRP-conjugated 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 Basic Kit (RM00020).

Exposure time: 60s.