

## Anti-CD59 glycoprotein CD59 Antibody

Catalog Number: A00914-1

### About CD59

The complement regulatory protein CD59 is a cell surface glycoprotein that regulates complement-mediated cell lysis and is involved in lymphocyte signal transduction. CD59 is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. CD59 also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and ultimately cerebral infarction.

### Overview

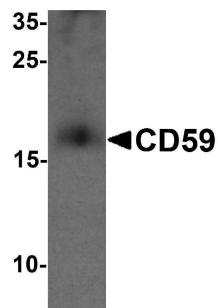
Product Name	Anti-CD59 glycoprotein CD59 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-CD59 glycoprotein CD59 Antibody (Catalog # A00914-1). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	CD59 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	CD59 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P13987

### Technical Details

Immunogen	Rabbit polyclonal CD59 antibody was raised against a 14 amino acid peptide near the amino terminus of human CD59. The immunogen is located within the first 50 amino acids of CD59.
Predicted Reactive Species	Pig
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CD59 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CD59 antibody can be used for detection of CD59 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.



## Anti-CD59 glycoprotein CD59 Antibody (A00914-1) Images



Western blot analysis of CD59 in mouse spleen tissue lysate with CD59 antibody at 1 ug/mL

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Anti-CD59 glycoprotein CD59 Antibody

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