

## Anti-CD55 Antibody

Catalog Number: M00910-1

### About CD55

This gene encodes a protein involved in the regulation of the complement cascade. The encoded glycoprotein is also known as the decay-accelerating factor (DAF); binding of DAF to complement proteins accelerates their decay, disrupting the cascade and preventing damage to host cells. Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM). Two alternatively spliced transcripts encoding different proteins have been identified. The predominant transcript encodes a membrane-bound protein expressed on cells exposed to plasma component proteins but an alternatively spliced transcript produces a soluble protein present at much lower levels. Additional, alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq].

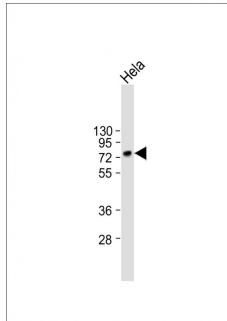
### Overview

Product Name	Anti-CD55 Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD55 Antibody (Catalog # M00910-1). Tested in WB application(s). This antibody reacts with Human.
Application	WB
Clonality	Monoclonal 561CT4.2.3
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P08174

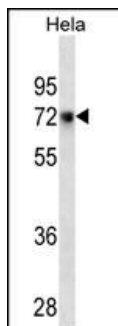
### Technical Details

Immunogen	This CD55 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 51-79 amino acids from human CD55.
Predicted Reactive Species	Bovine, Mouse
Isotype	IgG1
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:100

## Anti-CD55 Antibody (M00910-1) Images



Anti-CD55 Antibody (N-term) at 1:2000 dilution + HeLa whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CD55 Antibody western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the CD55 antibody detected the CD55 protein (arrow).

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### Anti-CD55 Antibody

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