BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-DAF CD55 Antibody

Catalog Number: A00910

About CD55

The decay-accelerating factor (DAF), also known as CD55, is an integral membrane glycoprotein that is involved in the regulation of the complement cascade (1). DAF limits excessive complement activation by accelerating their decay following DAF binding, thereby disrupting the cascade and preventing damage to host cells (2). Antigens present on the DAF glycoprotein constitute the Cromer blood group system (CROM) (3).

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-DAF CD55 Antibody
Reactive Species	Human
Description	Boster Bio Anti-DAF CD55 Antibody (Catalog # A00910). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DAF antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	DAF antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P08174

Technical Details

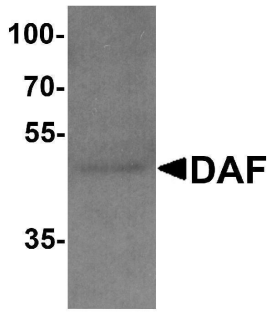
Immunogen	DAF antibody was raised against an 18 amino acid peptide near the carboxy terminus of human DAF. The immunogen is located within amino acids 360 - 410 of DAF.
Predicted Reactive Species	Bovine, Chicken
Cross Reactivity	DAF antibody is human specific. At least two isoforms of DAF are known to exist; this antibody will only detect the longest isoform.
Isotype	IgG

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

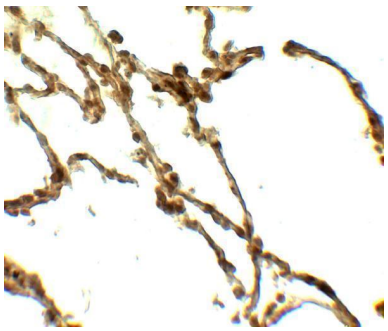
Form	Liquid
Concentration	1 mg/mL
Purification	DAF antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DAF body can be used for detection of DAF by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

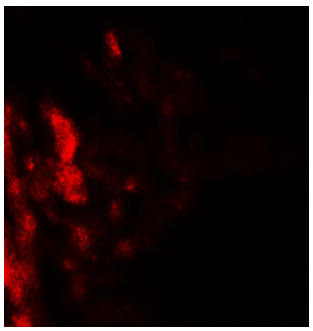
Anti-DAF CD55 Antibody (A00910) Images



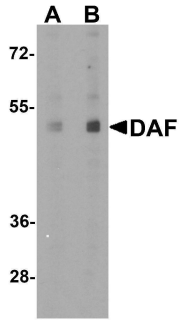
Western blot analysis of DAF in A549 cell lysate with DAF antibody at 1 ug/ml.



Immunohistochemistry of DAF in human lung tissue with DAF antibody at 5 ug/ml.



Immunofluorescence of DAF in human lung tissue with DAF antibody at 20 ug/ml.



Western blot analysis of DAF1 expression in HeLa cell lysate with DAF1 antibody at (A) 1 and (B) 2 ug/ml.

For Research Use Only. Not for use in diagnostic procedures.