

Anti-CAS9 C-terminal Monoclonal Antibody

Catalog Number: M30929-3

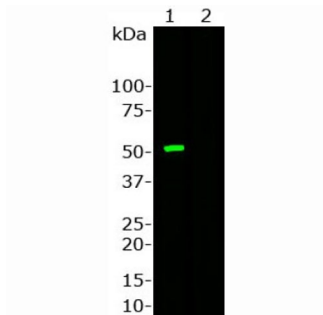
Overview

Product Name	Anti-CAS9 C-terminal Monoclonal Antibody
Reactive Species	Staphylococcus aureus
Description	Boster Bio Anti-CAS9 C-terminal Monoclonal Antibody catalog # M30929-3. Tested in IHC, WB applications. This antibody reacts with Staphylococcus aureus.
Application	IHC, WB
Clonality	Monoclonal
Formulation	Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN ₃
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	G3ECR1

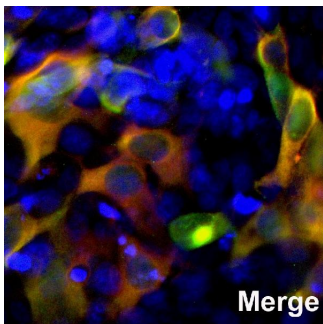
Technical Details

Immunogen	C-terminal region of S. aureus, amino acids 803-1053 of sequence CCK74173 , expressed in and purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000, IF/ICC and IHC: 1:1,000-1:5,000.

Anti-CAS9 C-terminal Monoclonal Antibody (M30929-3) Images



Western blot analysis of M30929-3. [1] lysate of HEK293 cells expressing a fusion protein containing GFP and the C-terminal 250 amino acids of CAS9 from *S. aureus*, [2] control lysate of non-transfected HEK293 cells. There is a strong clean band at about 53kDa corresponding to GFP-CAS9 fusion protein, which is absent in non-transfected cells. M30929-3 antibody was used at a 1:1,000 dilution.



HEK293 cells were transfected with a construct including the C-terminal 250 amino acids of *S. aureus* CAS9 fused to green fluorescent protein (GFP). Cells were stained with M30929-3 in red. Transfected cells express the green fusion protein and bind the antibody in red, producing a yellow signal. Nuclear DNA in transfected and non-transfected cells is revealed with the blue DNA stain DAPI.

1 Publications Citing This Product

1. PubMed ID: 10.1093/femspd/ftaa005, Nonspecific toxicities of *Streptococcus pyogenes* and *Staphylococcus aureus* dCas9 in *Chlamydia trachomatis*

Visit bosterbio.com/anti-cas9-c-terminal-monoclonal-antibody-m30929-3-boster.html to see all 1 publications.

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