BOSTER
antibody and ELISA experts

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

Anti-CRISPR-Cas9 SP Rabbit Monoclonal Antibody

Catalog Number: M30929

Overview

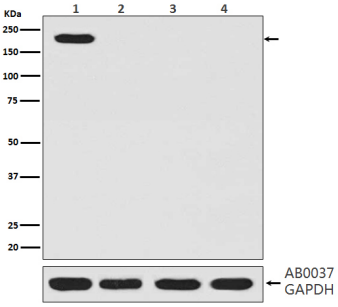
Product Name	Anti-CRISPR-Cas9 SP Rabbit Monoclonal Antibody
Reactive Species	Human, Recombinant protein
Description	Boster Bio Anti-CRISPR-Cas9 SP Rabbit Monoclonal Antibody catalog # M30929. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Recombinant protein.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal ABCI-3
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Rabbit
Uniprot ID	Q99ZW2

Technical Details

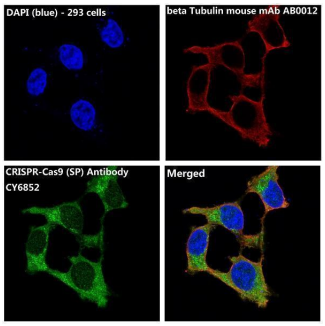
Immunogen	Recombinant fragment derived from Streptococcus pyogenes.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 FC 1:20

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

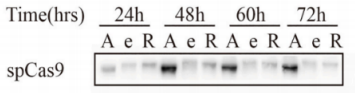
Anti-CRISPR-Cas9 SP Rabbit Monoclonal Antibody (M30929) Images



Western blot analysis of CRISPR-Cas9 SP expression in (1) 293T cell lysate transfected with CRISPR-Cas9; (2) 293T cell lysate; (3) 3T3 cell lysate; (4) PC12 cell lysate.



Immunofluorescent analysis of 293T cells transfected with CRISPR-SpCas9, using CRISPR-Cas9 SP Antibody .



Western blot analysis of CRISPR-Cas9 SP using anti-CRISPR-Cas9 SP antibody (A04887-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1-3: 24h human HEK293T whole cell lysates, Lane 4-6: 48h human HEK293T whole cell lysates, Lane 7-9: 60h human HEK293T whole cell lysates, Lane 10-12: 72h human A549 whole cell lysates, After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-CRISPR-Cas9 SP antigen affinity purified polyclonal antibody (A04887-1) at 1:1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054) at a dilution of 1:5000 for 1 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate with Azure Biosystems c600 system. A specific band was detected for CRISPR-Cas9 SP at approximately 158 kDa. The expected band size for CRISPR-Cas9 SP is at 158 kDa.

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

Anti-CRISPR-Cas9 SP Rabbit Monoclonal Antibody

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