

# Product Datasheet

## CRISPR-Cas9 Antibody - BSA Free NBP3-05547-100ul

Unit Size: 100 ul

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

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Updated 5/29/2025 v.20.1

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**NBP3-05547-100ul**

CRISPR-Cas9 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgY
Purity	IgY purified
Buffer	Supplied as concentrated total IgY preparation from egg yolk. Exact concentration of target specific IgY is not quantifiable as the preparation contains both immune IgY specific for the target and also irrelevant, non-immune IgY.
Target Molecular Weight	124 kDa

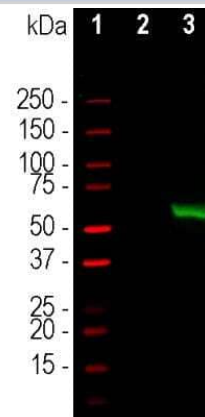
Product Description	
Host	Chicken
Gene ID	901176
Species	Bacteria
Immunogen	C-terminal region of S. aureus CRISPR-Cas9 expressed in and purified from E. coli.
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000-1:5000, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000

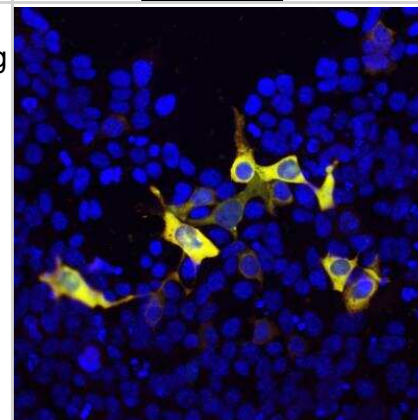


## Images

Western Blot: CRISPR-Cas9 Antibody [NBP3-05547] - Western blot analysis of HEK293 cell lysates using chicken pAb to CRISPR-Cas9 [1] protein standard (red), [2] non-transfected cells and [3] transfected cells with GFP-CRISPR-Cas9 (C-terminal 803-1053 amino acids of CRISPR-Cas9) fusion construct. The band at about 53kDa corresponds to the GFP-CAS9 fusion protein.



Immunocytochemistry/Immunofluorescence: CRISPR-Cas9 Antibody [NBP3-05547] - HEK293 cells were transfected with a construct including the N-terminal 608 amino acids of *S. aureus* CRISPR-Cas9 fused to GFP and stained with CRISPR-Cas9 Antibody 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.





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### **Products Related to NBP3-05547-100ul**

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BAF010	Goat anti-Chicken IgY Secondary Antibody [Biotin]
NB7276	Goat anti-Chicken IgM Heavy Chain Secondary Antibody
NBP2-52986	CRISPR-Cas9 Antibody Pack

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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