

## CRISPR-Cas9 SA Conjugated Antibody

Catalog No: #C56163



Package Size: #C56163-AF350 100ul #C56163-AF405 100ul #C56163-AF488 100ul  
 #C56163-AF555 100ul #C56163-AF594 100ul #C56163-AF647 100ul  
 #C56163-AF680 100ul #C56163-AF750 100ul #C56163-Biotin 100ul

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## Description

Product Name	CRISPR-Cas9 SA Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Staphylococcus aureus
Specificity	CRISPR-Cas9 SA Antibody detects endogenous levels of total CRISPR-Cas9 SA
Immunogen Description	A synthesized peptide derived from CRISPR-Cas9 SA
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Cas9; CRISPR-associated endonuclease Cas9/Csn1; CRISPR-Cas9/Csn1; csn1; SpyCas9;
Accession No.	Uniprot:J7RUA5
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	124kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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The CRISPR associated protein 9 (Cas9) is an RNA-guided DNA nuclease and part of the *Streptococcus pyogenes* CRISPR antiviral immunity system that provides adaptive immunity against extra chromosomal genetic material. CRISPR/Cas9 genome editing tools have been used in many organisms, including mouse and human cells.

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Note: This product is for in vitro research use only