

Cas9 | CRISPR-associated endonuclease 9 (polyclonal) - DyLight 488 conjugated (40 µg)

Cat PA00020

Size 40 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Staphylococcus aureus

Immunogen

KLH-conjugated synthetic peptide derived from Streptococcus thermophilus Cas9/Csn1 protein sequence, UniProt: Q03JI6 (peptide sequence is conserved in pYLCRISPR/Cas9Pubi-H vector)

Host

Rabbit

Clonality

Polyclonal

Purity

Antigen affinity purified serum

Format

Liquid in PBS pH 7.4.

Storage

Store at 4°C for 12-18 months, A preservative may be added for long time storage up to 2 years. Spin briefly the tube before use.

Application

Immunofluorescence (IF), Western blot (WB)

Recommended dilution

To be determined by end user.

Expected | apparent MW

Depends upon a MW of a protein which is a fusion partner,

Confirmed reactivity

Staphylococcus aureus

Predicted reactivity

Staphylococcus pyogenes UniProt: Q99ZW2

Description

Cas9 (CRISPR-associated endonuclease 9) is an RNA-directed DNA endonase associated with the clustered regularly interspersed Short palindromic repeat (CRISPR) type II adaptive immune system. CRISPR clusters are transcribed and processed into CRISPR RNA (crRNA), and Cas9 proteins are used as genomic engineering tools

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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to induce site-directed double-strand breaks in DNA. DyLight 488 Amax = 493 nm, Emax = 519 nm. DyLight is a registered trademark of Thermofisher Inc. and its subsidiaries.

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