

Anti-Cas9 antibody (450-730 aa) [S4974RM] (STJ11104974)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Other

PRODUCT PROPERTIES

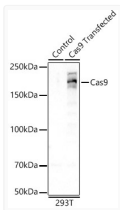
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 158kDa Observed Mw: 170kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Immunogen Region	450-730 aa
Immunogen Sequence	YYVGPLARGNSRFAWMTRKS EETITPWNFEEVVDKGASAQ SFIERMTNFDKNLPNEKVLP KHSLLYEYFTVYNELTKVKY VTEGMRKPAFLSGEQKKAIV DLLFKTNRKVTVKQLKEDYF KKIECFDSVEISGVEDRFNA SLGTYHDLKIIKDKDFLDN EENEDILEDIVLTLFLFEDR EMIEERLKYAHLFDDKVMK QLKRRRYTGWGRLSRKLING IRDKQSGKTILDFLKSDGF
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 450-730 of streptococcus pyogenes m1 Cas9. (NP_269215.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from 293T cells, using Cas9 Rabbit monoclonal antibody (STJ11104974) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.