

Cas9 antibody [7A9]

Cat. No. GTX53807

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IP
Reactivity	Streptococcus pyogenes

References (5)

Package

25 µg

Applications

Application Note

Western Blotting Analysis: 0.5 µg/mL from a representative lot detected Cas9 in 1 µg of Myc-Cas9 expressing HEK293 cell lysate. Immunoprecipitation Analysis: A representative lot immunoprecipitated Cas9 in Flag-Cas9 and Myc-Cas9 expressing cell lysate (performed by an independent laboratory).

Product Note This antibody recognises both Cas9 and dCas9 (nuclease deficient Cas9)

Properties

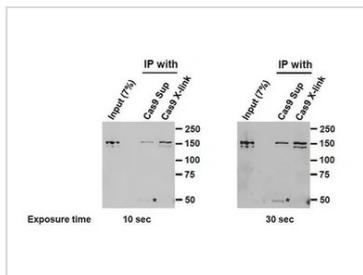
Form	Liquid
Buffer	100mM Tris-Glycine, 150mM NaCl
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	N-Terminal domain of Cas9.
Purification	Protein G purified
Conjugation	Unconjugated

Note For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

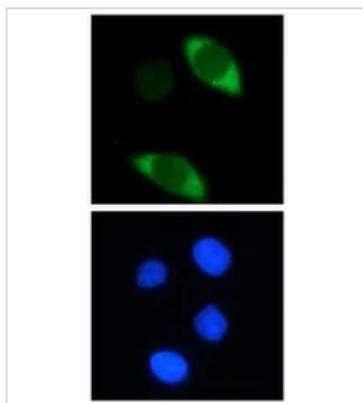
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DATA IMAGES

GTX53807 IP Image

IP analysis was performed with lysate from HEK293T cells expressing flag-tagged *S. pyogenes* Cas9 and either Cas9 antibody [7A9] followed by incubation with a 1:1 mixture of protein A/G sepharose beads (Cas9 Sup) or Cas9 antibody [7A9] crosslinked with a 1:1 mixture of protein A/G sepharose beads (Cas9 X-link). The precipitates were detected by the same antibody. Asterisk indicates IgG heavy chain.


GTX53807 ICC/IF Image

ICC/IF analysis of HeLa cells transiently transfected with flag-tagged Cas9 using Cas9 antibody [7A9] at a dilution of 0.5 $\mu\text{g/ml}$ (green) and DAPI (blue).



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