Cas9 antibody [7A9]

Cat. No. GTX53807

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

References (6)
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 4ºC.
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. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

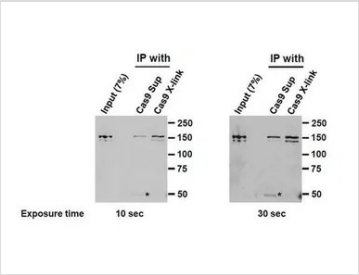
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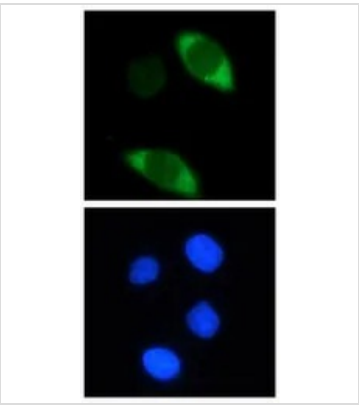
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DATA IMAGES



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 µg/ml (green) and DAPI (blue).

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