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Product datasheet for CF811194

RNA5-8SN2 Mouse Monoclonal Antibody [Clone ID: OTI6D9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6D9
Applications:	IP, WB
Recommended Dilution:	WB 1:2000
Reactivity:	Streptococcus Pyogenes
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-1166 of human CAS9 produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RNA, 5.8S ribosomal N2

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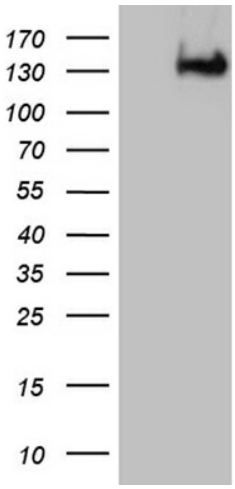
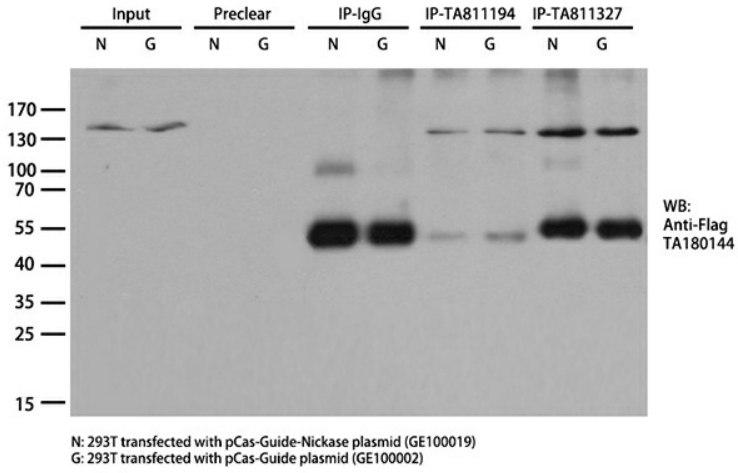
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CAS9 ([GE100002], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CAS9 (1:2000).



Immunoprecipitation (IP) of Cas9 and Cas9-nickase by using mouse monoclonal anti-CAS9 antibodies [TA811194] and [TA811327]. Mouse IgG control serves as the negative control. 293T cells were transfected with flag-tagged Cas9 overexpression plasmid, pCas-Guide (G) and pCas-Guide-nickase (N). 500ul overexpression cell lysates were first precleared with agarose beads for 2h. Then precleared lysates were incubated with beads crosslinked with antibody for overnight. The beads were then rinced with buffer and went through Western Blot analysis using anti-flag antibody ([TA180144]). (15ug/500ul)