

## Product datasheet for **CF811327**

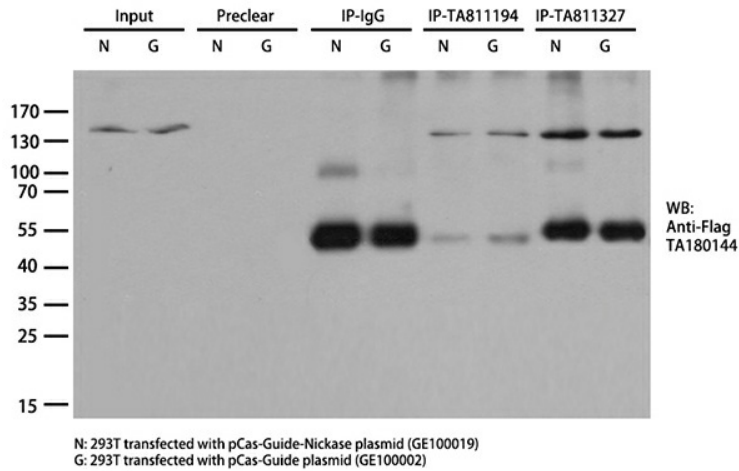
### RNA5-8SN2 Mouse Monoclonal Antibody [Clone ID: OT11C8]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11C8
Applications:	IP
Recommended Dilution:	IP 1:30
Reactivity:	Streptococcus Pyogenes
Host:	Mouse
Isotype:	IgG1
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:**


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). Overexpression cell lysates were first precleared with ProteinG beads then incubated with beads crosslinked with anti-CAS9 antibody for overnight. The beads were then rinsed with buffer and went through Western Blot analysis using anti-flag antibody ([TA180144]) (1:30).