

## Product datasheet for **TA814512**

### **SARS-CoV-2 RBD Neutralizing Mouse Monoclonal Antibody [Clone ID: OTI1C2]**

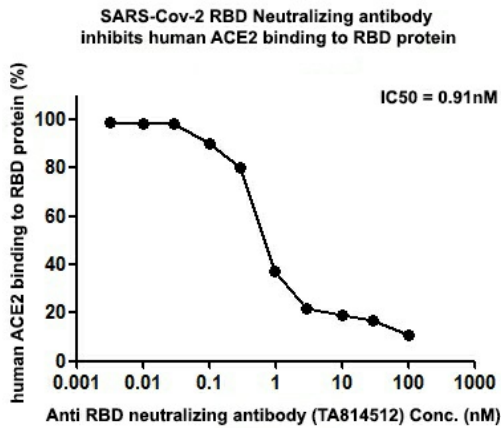
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1C2
<b>Applications:</b>	ELISA, Neutralize
<b>Recommended Dilution:</b>	ELISA 1:5000-10000
<b>Reactivity:</b>	SARS-CoV-2
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Recombinant fusion protein of SARS-CoV-2 Spike RBD protein and virion surface domain of membrane protein (M-protein) produced in HEK293
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	34kDa
<b>Gene Name:</b>	S Protein
<b>Database Link:</b>	<a href="#">Entrez Gene 43740568 SARS-CoV-2</a>

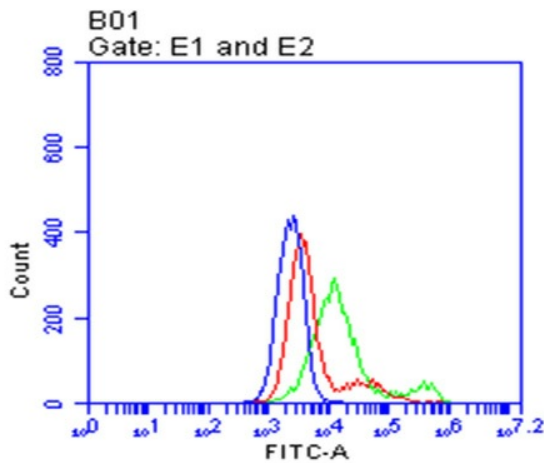


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Product images:



SARS-CoV-2 RBD neutralizing antibody (Cat# TA814512) inhibits human ACE2 protein (Cat# [TP701115]) binding to SARS-CoV-2 RBD protein [TP701119]. The IC50 is typically 0.91 nM.



SARS-CoV-2 RBD neutralizing antibody (Cat# TA814512) blocks SARS-CoV-2 Spike RBD-hFc fusion protein (Cat# [TP701142]) binding to human ACE2 overexpressed HEK293 cells transfected by human ACE2 cDNA clone (Cat# [RC208442]). The signal is detected by anti-human IgG (Fc specific)-FITC antibody (1ug/mL). Blue, anti-SARS-CoV-2 Spike RBD neutralizing antibody only; Green, SARS-CoV-2 Spike RBD-hFc fusion protein only; Red, both RBD neutralizing antibody and RBD-hFc fusion protein.