

Product datasheet for **TA814512AM**

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

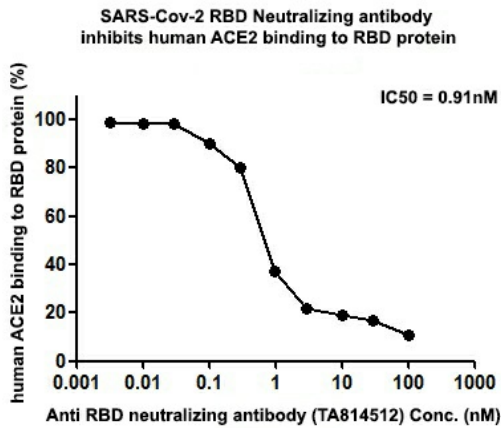
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1C2
Applications:	ELISA, Neutralize
Recommended Dilution:	ELISA 1:5000-10000
Reactivity:	SARS-CoV-2
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant fusion protein of SARS-CoV-2 Spike RBD protein and virion surface domain of membrane protein (M-protein) produced in HEK293
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	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.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34kDa
Gene Name:	S Protein
Database Link:	Entrez Gene 43740568 SARS-CoV-2

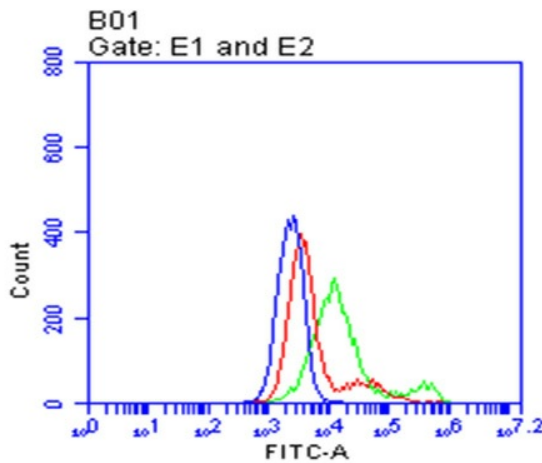


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Product images:



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.