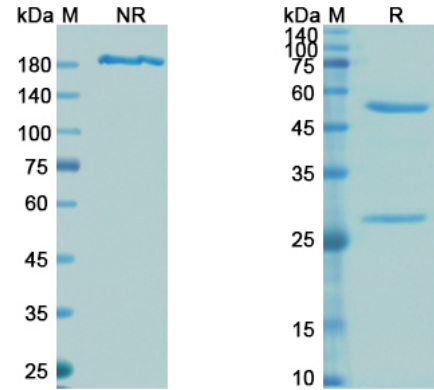
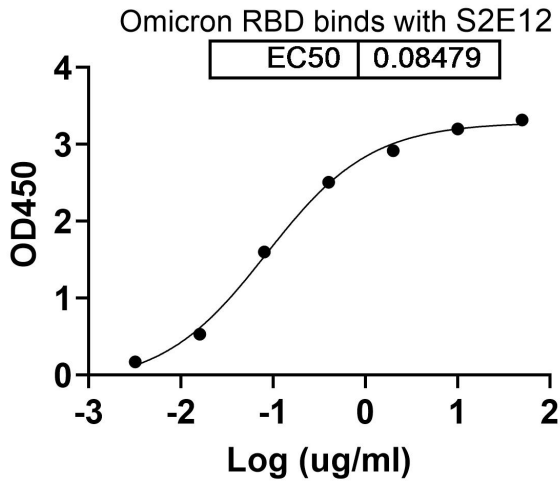


## S

### Human Anti-SARS-CoV-2 Spike-RBD (S2E12) Neutralizing mAb

<b>Catalog No.</b>	CPC541A CPC541B CPC541C	<b>Quantity:</b>	50 µg 100 µg 1.0 mg
<b>Alternate Names:</b>	Spike glycoprotein, Spike receptor binding domain, Spike-RB protein, S2E12		
<b>Description:</b>	Recombinant Human anti-SARS-CoV-2 Spike-RBD, Clone S2E12 is expressed in XtenCHO. S2E12 is a fully human anti-SARS-CoV-2 neutralizing monoclonal antibody selected based on binding to RBM across sarbecoviruses related to SARS-CoV-2, potential to neutralize the virus <i>in vitro</i> , including variant Omicron. S2E12 competitively blocks ACE2 attachment. <b>Available with low endotoxin &lt; 0.01EU/µg, as DVV00318</b>		
<b>UniProt ID:</b>	P0DTC2		
<b>Origin:</b>	Derived from a convalescing COVID-19 patient's plasma		
<b>Specificity:</b>	Recognizes SARS-CoV-2 Spike-RBD, as well as receptor-binding motif (RBM) across sarbecoviruses related to SARS-CoV-2; potential to neutralize the virus <i>in vitro</i> , including variant Omicron. S2E12 competitively blocks ACE2 attachment.		
<b>Source:</b>	XtenCHO		
<b>Purity:</b>	> 95% by reduced and non-reduced SDS-PAGE		
<b>Isotype:</b>	Human IgG1 kappa		
<b>Clone:</b>	S2E12		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Formulation:</b>	Sterile-filtered PBS, pH 7.5 preservative free.		
<b>Purification:</b>	Protein A affinity chromatography		
<b>Applications:</b>	<b>Neutralization, Functional Assays</b> <b>ELISA:</b> suggested dilution 1:5,000 - 1:10,000 <b>Western blot:</b> suggested dilution 1:1,000 - 1:2,000		
<b>Storage &amp; Stability:</b>	Stable at 2-8°C for 1 week or for up to 1 year at -20°C to -80°C. It is recommended to prepare single-use aliquots of undiluted product and store -20°C to -80°C. <b>Avoid repeated freeze/thaw cycles.</b>		





NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.