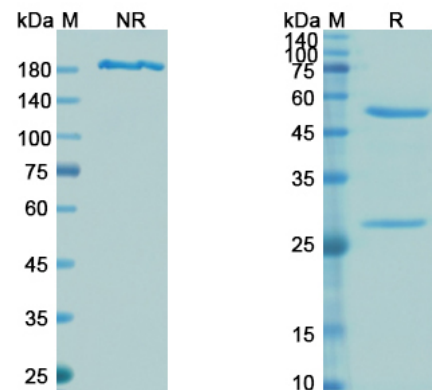
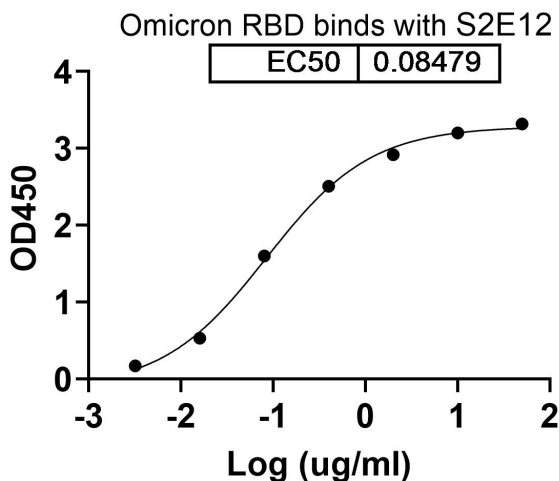


## S

### Research Grade Anti-SARS-CoV-2 Spike-RBD (S2E12) mAb

<b>Catalog No.</b>	DVV00318A DVV00318B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Spike glycoprotein, Spike receptor binding domain, Spike-RB protein, S2E12		
<b>Description:</b>	Research Grade anti-SARS-CoV-2 Spike-RBD, Clone S2E12 is expressed in XtenCHO. S2E12 is a fully human anti-SARS-CoV-2 neutralizing monoclonal antibody, originally derived from a convalescing COVID-19 patient's plasma, and selected based on binding to RBM across sarbecoviruses related to SARS-CoV-2.		
<b>UniProt ID:</b>	P0DTC2-2		
<b>Source:</b>	XtenCHO		
<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>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Isotype:</b>	Human IgG1 kappa		
<b>Formulation:</b>	Sterile-filtered 0.01M PBS, pH 7.4 preservative free.		
<b>Clone:</b>	S2E12		
<b>Purity:</b>	> 95% by reduced and non-reduced SDS-PAGE		
<b>Purification:</b>	Protein A/G affinity chromatography		
<b>Endotoxin:</b>	< 0.01 EU/µg by LAL analysis		
<b>Applications:</b>	<b>Neutralization, Functional Assays</b>		
<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>		



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