

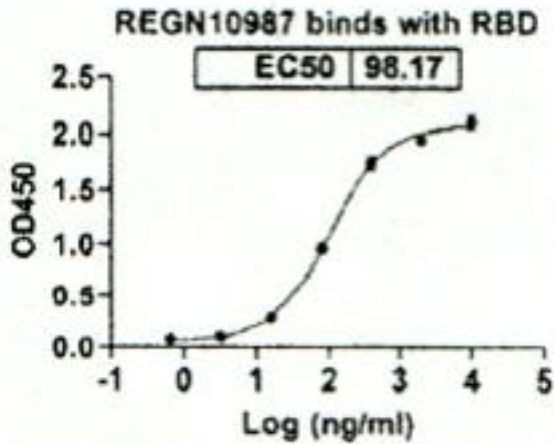
## S

### Research Grade Imdevimab

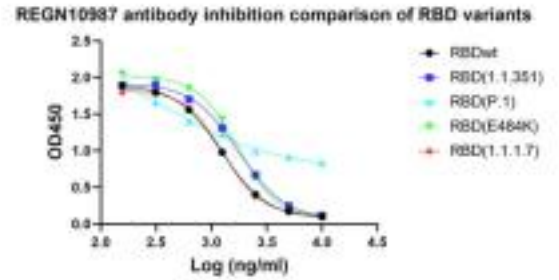
<b>Catalog No.</b>	DVV00305A DVV00305B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	REGN-10987, REGN10987, CAS: 2415933-40-1		
<b>Description:</b>	<p>Recombinant Human anti-SARS-CoV-2 Spike Protein Receptor Binding Domain, Imdevimab Clone REGN10987, is expressed in XtenCHO. REGN10987 was originally isolated from a humanized mouse immunized with SARS-CoV-2 Spike RBD protein. Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The spike glycoprotein is found on the outside of the virus particle and gives coronavirus viruses their crown-like appearance. Surface glycoprotein is an important target for vaccine development, antibody therapies and diagnostic antigen-based tests.</p>		
<b>UniProt ID (target):</b>	P0DTC2		
<b>Immunogen:</b>	Recombinant SARS-CoV-2 Spike-RBD protein		
<b>Specificity:</b>	Recognizes SARS-CoV-2 Spike-RBD protein		
<b>Bioactivity:</b>	EC <sub>50</sub> = 98.17 ng/ml with SARS-CoV-2 Spike-RBD		
<b>Source:</b>	XtenCHO		
<b>Purity:</b>	> 95% by reduced and non-reduced SDS-PAGE		
<b>Isotype:</b>	Human IgG1 lambda		
<b>Clone:</b>	REGN10987		
<b>Concentration:</b>	1.0 mg/ml, lot specific		
<b>Formulation:</b>	Sterile-filtered 0.01M PBS, pH 7.4		
<b>Purification:</b>	Protein A affinity chromatography		
<b>Endotoxin:</b>	< 0.01EU/µg by LAL analysis		
<b>Applications:</b>	<b>Neutralization, Functional Studies</b>		
<b>Storage &amp; Stability:</b>	<p>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></p>		

Anti-SARS-CoV-2 (2019-nCoV) RBD (Clone REGN10987) Neutralizing mAb

Comparison of REGN10987 inhibition of RBD variants



	RBDwt	RBD(1.1.351)	RBD(P.1)	RBD(E484K)	RBD(1.1.1.7)
IC50	1235	1799	370.3	1731	1266



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



**Cell Sciences®**  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)