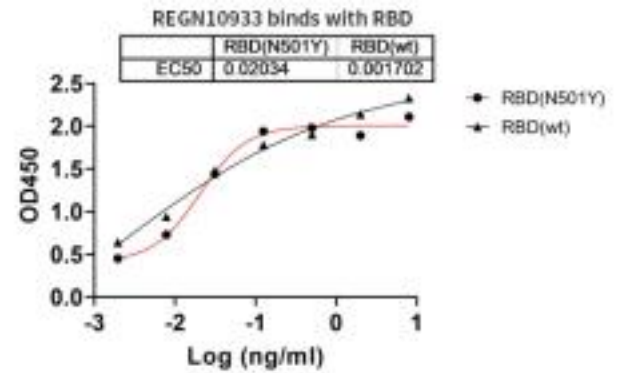
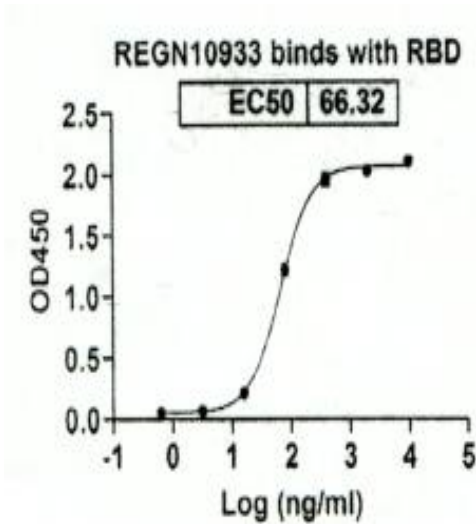


S

Research Grade Casirivimab

Catalog No.	DVV00304A DVV00304B	Quantity:	100 µg 1.0 mg
Alternate Names:	REGN-10933, REGN10933, CAS: 2415933-42-3		
Description:	<p>Recombinant Human anti-SARS-CoV-2 Spike Protein Receptor Binding Domain, Casirivimab Clone REGN10933, is expressed in XtenCHO. REGN10933 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>		
UniProt ID (target):	P0DTC2		
Immunogen:	Recombinant SARS-CoV-2 Spike-RBD protein		
Specificity:	Recognizes SARS-CoV-2 Spike-RBD protein		
Bioactivity:	EC ₅₀ = 66.32 ng/ml with SARS-CoV-2 Spike-RBD		
Source:	XtenCHO		
Purity:	> 95% by reduced and non-reduced SDS-PAGE		
Isotype:	Human IgG1		
Clone:	REGN10933		
Concentration:	1.0 mg/ml, lot specific		
Formulation:	Sterile-filtered 0.01M PBS, pH 7.4		
Purification:	Protein A affinity chromatography		
Endotoxin:	< 0.01 EU/µg by LAL analysis		
Applications:	Neutralization, Functional Assays		
Storage & Stability:	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. Avoid repeated freeze/thaw cycles.		

Anti-SARS-CoV-2 (2019-nCoV) RBD (Clone
REGN10933) Neutralizing mAb



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



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