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InVivo Mab Anti-SARS-CoV-2 S2/Spike glycoprotein 2 (28D9)

Catalog No.	VVV00504A VVV00504B	Quantity:	100 µg 1.0 mg
Alternate Names:	Spike glycoprotein, S glycoprotein, Spike protein S2, S, 2, SARS-CoV-2 (2019-nCoV)		
Description:	<p>Mouse anti-SARS-CoV-2 S2/Spike glycoprotein 2, Clone 28D9 is an affinity purified, neutralizing antibody.</p> <p>Broadly neutralizing monoclonal 28D9 targets a conserved and immunogenic epitope in the membrane-proximal stem helix region on the S2 fusion subunit for betacoronaviruses (MHV, HCoV-OC43, MERS-CoV, SARS-CoV and SARS-CoV-2), Clone 28D9 was originally isolated from a COVID-19 convalescent patient.</p>		
UniProt ID (target):	P0DTC2		
Specificity:	Recognizes SARS-CoV-2 S2/Spike glycoprotein 2		
Source:	Mammalian cells		
Isotype:	Mouse IgG2a, kappa		
Clone:	28D9		
Concentration:	1.0 mg/ml, lot specific		
Formulation:	Sterile-filtered 0.01M PBS, pH 7.4		
Purification:	Protein A/G affinity chromatography from cell culture supernatant		
Purity:	>95% as determined by SDS-PAGE		
Endotoxin:	< 0.01 EU/µg by LAL analysis		
Applications:	Functional studies, Neutralizing, ELISA		
Storage & Stability:	<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 working aliquots of undiluted product and store -20°C to -80°C.</p> <p>Avoid repeated freeze/thaw cycles.</p>		

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
Website: www.cellsciences.com