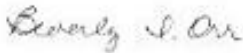


## CERTIFICATE OF ANALYSIS

<b>Catalog #:</b>	9551	<b>Lot #:</b>	6I26620				
<b>Description:</b>	MAb to SARS-CoV-2 S1, Trimeric Monoclonal Antibody to SARS-CoV-2 Trimeric Spike 1 Protein, Linear Epitope						
<b>Host Animal:</b>	Mouse	<b>Isotype:</b>	IgG <sub>2b</sub>				
<b>Source:</b>	Cell Culture						
<b>Immunogen:</b>	Recombinant SARS-CoV-2 S1 Protein.						
<b>Format:</b>	Purified, Liquid						
<b>Purity:</b>	> 90% (Protein A Purification)						
<b>Concentration:</b>	1.21 mg/mL (OD280nm)						
<b>Buffer:</b>	Phosphate Buffered Saline, pH 7.4						
<b>Preservative:</b>	None						
<b>Appearance:</b>	Clear Liquid						
<b>Applications:</b>	<p>Coronavirus-neutralizing antibodies primarily target the trimeric spike (S) glycoproteins on the viral surface that mediate entry into host cells. This antibody binds to recombinant SARS-CoV-2 <b>trimeric</b> spike protein and can recognize the membrane bound form from the cell line expressing full-length SARS-CoV-2 protein. This antibody is specific to SARS-CoV-2 Spike trimeric protein and does not cross with recombinant SARS-CoV, HCoV-229E, HCoV-HKU1, HCoV-NL63 and HCoV-OC43. This antibody with its corresponding pair can detect SARS-CoV-2 <b>trimeric</b> spike protein down to ~300 pg/mL by using TMB substrate in ELISA assay. This antibody with its corresponding pair was prepared against the linear epitope, so it is not conformation dependent.</p> <p>This antibody was designed to work with saliva patient samples that do not require lysis. Every laboratory needs to determine the optimal working conditions for ELISA, Lateral Flow and Western Blot applications. Recommended pair for Immunoassay:</p> <table><tr><td><u>Capture</u></td><td><u>Detection</u></td></tr><tr><td>9550</td><td>9551</td></tr></table>			<u>Capture</u>	<u>Detection</u>	9550	9551
<u>Capture</u>	<u>Detection</u>						
9550	9551						
<b>Storage:</b>	Store at 2-8°C.						
<b>Safety Note(s):</b>	Refer to the appropriate Safety Data Sheet (SDS) for additional information.						

Quality Signature: 

02 February 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**