

## SARS-CoV-2 Spike-RBD (36B5) Monoclonal Antibody

### Basic information:

<b>Catalog No.:</b>	UDA9002-8	<b>Source:</b>	Mouse
<b>Clonality:</b>	Monoclonal	<b>Isotype:</b>	IgG1
<b>Purity:</b>	>95% as determined by SDS-PAGE.		

### Useful Information:

<b>Applications:</b>	ELISA (more applications not tested)
<b>Usage:</b>	Detection
<b>Specificity:</b>	Recognizes SARS-CoV-2 Spike protein.
<b>Format:</b>	Liquid.
<b>Purification:</b>	Protein A/G affinity purification from mouse ascites.
<b>Immunogen:</b>	Recombinant protein of SARS-CoV-2 Spike-RBD.
<b>Presentation:</b>	PBS, pH 7.4, containing 0.03% Proclin 300
<b>Description:</b>	The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion. The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.
<b>Storage:</b>	Store at 4°C short term and -20°C long term. Avoid freeze-thaw cycles.
<b>Note:</b>	Test systems and platform change may cause different results, please contact us if you have any questions. This product is sold for research use only. Standard Laboratory Practices should be followed when handling this material.