

## PRODUCT INFORMATION

<b>Clone ID</b>	DM42
<b>Target</b>	S protein
<b>Synonyms</b>	SARS-CoV-2 Spike S2
<b>Host Species</b>	Rabbit
<b>Description</b>	PE-conjugated Anti-SARS-CoV-2 Spike antibody(DM42); Rabbit mAb
<b>Delivery</b>	3-4 weeks
<b>Uniprot ID</b>	P0DTC2
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	SARS-CoV-2
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Liquid□PBS with 0.05% Proclin300, 1% BSA
<b>Storage &amp; Shipping</b>	Store at 2°C-8°C for 6 months
<b>Background</b>	SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2) also known as Covid19 (2019 Novel Coronavirus) is a virus that causes illnesses ranging from the common cold to severe diseases. The spike protein is a type I transmembrane protein containing two subunits; S1 and S2. S1 mainly contains a receptor binding domain (RBD); which accounts for recognizing the cell surface receptor; ACE2. S2 contains basic elements needed for the membrane fusion. Recent publications indicate that S1-RBD domain can induce virus neutralizing-antibody and T cell response.
<b>Usage</b>	Research use only
<b>Conjugate</b>	PE-conjugated

