

PRODUCT INFORMATION

Clone ID	DM42
Target	S protein
Synonyms	SARS-CoV-2 Spike S2
Host Species	Rabbit
Description	PE-conjugated Anti-SARS-CoV-2 Spike antibody(DM42); Rabbit mAb
Delivery	3-4 weeks
Uniprot ID	P0DTC2
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	SARS-CoV-2
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Liquid□PBS with 0.05% Proclin300, 1% BSA
Storage & Shipping	Store at 2°C-8°C for 6 months
Background	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.
Usage	Research use only
Conjugate	PE-conjugated

