Cat. No. DME100055B



## **PRODUCT INFORMATION**

Clone ID **DM55** 

**Target** S protein RBD **Synonyms** SARS-CoV-2 RBD

**Host Species** Rabbit

Biotinylated Anti-SARS-CoV-2 RBD antibody(DM55); Rabbit mAb Description

**Delivery** 2-3 weeks **Uniprot ID** P0DTC2 Rabbit IgG IgG type Clonality Monoclonal Reactivity SARS-CoV-2 **Applications** ELISA; Flow Cyt

Recommended **Dilutions** 

ELISA 1:5000-10000; Flow Cyt 1:100

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 **Background** 

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 Biotinylated

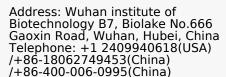
> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.



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