Datasheet

SARS-CoV-2 (2019-nCoV) Spike Recombinant Monoclonal Antibody, Rabbit

Product Name	SARS-CoV-2 (2019-nCoV) Spike Recombinant Monoclonal Antibody, Rabbit
Catalogue Number	BSV-COV-AB-09
Clone, Isotype	Recombinant Monoclonal #007, IgG
Concentration	1 mg/ml
Format	IgG
Tested Applications	ELISA, IHC-P, FCM, ICC/IF, IP

Description:

Recombinant Purified rabbit monoclonal antibody with specificity for the Spike (S1) and Receptor Binding Domain (RBD) of SARS-CoV-2 (COVID-19).

Product Details:

Specificity: 2019-nCoV CoV spike (S). Has cross-reactivity in ELISA with SARS Coronavirus Spike Protein (S1 Subunit) (BSV-COV-AB-09), SARS Coronavirus Spike RBD

Form in stock: Liquid.

Host: Rabbit

Immunogen: The immunogen is used to generate this antibody corresponds to SARS-CoV S10 (within S2 domain) protein (1029-1192 a.a.).

Formulation: 0.2 µm filtered solution in PBS

Purification: Protein A

Conjugation: Unconjugated

Alternative names: COVID-19 COV-2

Shipping: This antibody is shipped as liquid solution at ambient temperature.

Storage: This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Regulatory/ Restrictions: For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans.

Applications	Suggested Dilution
ELISA	1:5000 – 1:10000

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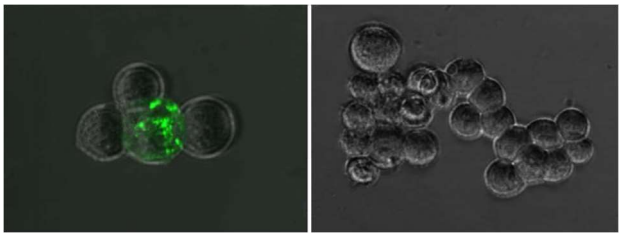
Applications



Immunofluorescence analysis staining of SARS-CoV-2 (2019-nCoV) Spike in ACE2-overexpressed 293T cells, infected (left) or noninfected (right) by 2019-nCOV-Spike pseudovirus (PSV). Cells were blocked with 10% serum and incubated with SARS-CoV-2 (2019-nCoV) Spike rabbit monoclonal antibody (dilution ratio 1:60) at 37°C for 1 hour. Then cells were stained with a conjugated Goat Anti-rabbit IgG secondary antibody (green).

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