Datasheet

Monoclonal Antibody to SARS-CoV-2 Nucleocapsid Protein (Detection)

Product Name	Monoclonal Antibody to SARS-CoV-2 Nucleocapsid Protein (Detection)
Catalogue Number	BSV-COV-AB-35
Pack Size	1 mg
Concentration	2.77 mg/mL
Clone, Isotype	Mouse, IgG1
Format	IgG Monoclonal Antibody sterile in PBS
Tested Applications	Indirect ELISA, Lateral Flow Assay & CLIA

Description:

Purified monoclonal antibody (IgG) detecting the SARS-CoV-2 Nucleocapsid Protein. Highly sensitive antibody pair currently used in diagnostic kits worldwide (LOD: 2.87 x 10^3 $TCID50/_{50}$mL, heat-inactivated culture fluid). Manufactured in multigramme quantities weekly.

Product Details:

Specificity: The antibody detects SARS-CoV-2 Nucleocapsid Protein

Form in stock: Purified IgG, Liquid

Purification: >95% pure (SDS-PAGE). Protein A Chromatography

Host: Mouse

Buffer: 0.01M Phosphate Buffer Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Cross-reactivity: No cross-reaction with any other coronavirus (229E, NL63, OC43, HKU1, MERS), Adenovirus (type 4), Enterovirus (D68) Metapneumovirus, Rhinovirus, Influenza A/B, Parainfluenza (1, 2, 4b), Haemophilus Influenza, Respiratory Syncytial Virus (RSV), Legionella pneumophila, and Mycoplasma pneumoniae (M129), Chlamydia pneumoniae, Bordetella pertussis, Streptococcus pyogenes, Staphylococcus aureus, and Candida albicans.

Shipping: Shipped on Dry Ice.

Storage: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.

Regulatory/Restrictions: For Research Use Only.

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