

## Datasheet

### Monoclonal Antibody to SARS-CoV-2 Trimeric Spike Protein, linear epitope (Detection)

<b>Product Name</b>	Monoclonal Antibody to SARS-CoV-2 Trimeric Spike Protein, linear epitope (Detection)
<b>Catalogue Number</b>	BSV-COV-AB-32
<b>Pack Size</b>	1 mg
<b>Concentration</b>	1.21 mg/mL
<b>Clone, Isotype</b>	Mouse, IgG2b
<b>Format</b>	IgG Monoclonal Antibody sterile in PBS
<b>Tested Applications</b>	ELISA, Lateral Flow Assay & Western Blot

#### Description:

Purified monoclonal antibody (IgG) detecting the SARS-CoV-2 Trimeric Spike Protein. Designed to work on saliva samples (no lysis required). Novel antibody pair to the trimeric form of the Spike 1 surface glycoprotein. Recognises a linear epitope – binding is not conformation-dependent.

#### Product Details:

**Specificity:** This antibody detects SARS-CoV-2 Trimeric Spike Protein

**Form in Stock:** Purified IgG, Liquid

**Purification:** > 90% (Protein A Purification)

**Sensitivity of approx.:** 300 pg/mL in ELISA

**Source:** Cell Culture

**Buffer:** Phosphate Buffered Saline, pH 7.4

**Cross-reactivity:** Does not cross-react with SARS-CoV, HCoV-229E, HCoV-HKU1, HCoV-NL63 and HCoV-OC43

**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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple free-thaw cycles.

**Regulatory/Restrictions:** For Research Use Only.