

## InVivoMAb anti-SARS-CoV-2 S protein (RBD epitope A)

Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bxccl.com/terms-and-conditions/>.

### Lot Specific Information

<b>Lot Number:</b>	Lot Specific*
<b>Volume:</b>	Lot Specific*
<b>Concentration:</b>	Lot Specific* (generally 4 to 11 mg/ml) *
<b>Total Protein:</b>	Lot Specific*

\*This information will be noted on the certificate of analysis that ships with this product.

### Product Information

<b>Catalog Number:</b>	<b>BE0357</b>
<b>Clone:</b>	<b>SARS2-01</b>
<b>Isotype:</b>	Mouse IgG1, κ
<b>Recommended Isotype Control(s):</b>	InVivoMAb mouse IgG1 isotype control, unknown specificity
<b>Recommended Dilution Buffer:</b>	InVivoPure pH 7.0 Dilution Buffer
<b>Immunogen:</b>	SARS-CoV-2 S and RBD proteins <i>in vitro</i> blocking of SARS-CoV-2 S protein
<b>Reported Applications:</b>	Flow cytometry ELISA
<b>Formulation:</b>	PBS, pH 7.0 Contains no stabilizers or preservatives
<b>Endotoxin:</b>	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
<b>Purity:</b>	>95% Determined by SDS-PAGE
<b>Sterility:</b>	0.2 μM filtered
<b>Production:</b>	Purified from tissue culture supernatant in an animal free facility
<b>Purification:</b>	Protein G
<b>Molecular Weight:</b>	150 kDa

### Description

The SARS2-01 monoclonal antibody reacts with the receptor binding domain (RBD) in the spike (S) protein of SARS-CoV-2 (Severe Acute Respiratory Syndrome Coronavirus 2). SARS-CoV-2 is a positive-sense, single-stranded RNA virus which causes the acute respiratory disease COVID-19. The S protein is the main surface antigen of SARS-CoV-2. The RBD in the S protein specifically binds to angiotensin-converting enzyme 2 (ACE2) on target cells, mediating SARS-CoV-2 host cell entry. The SARS2-01 antibody has been shown to block the binding of the SARS-CoV-2 S protein to ACE2 *in vitro*.

### Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at [bxccl.com/faqs](https://bxccl.com/faqs).

### Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

### Application References

For a complete list of references, visit <https://bxccl.com/product/invivomab-anti-sars-cov-2-s-protein-rbd-epitope-a/#references> or scan the QR code below.

### Bio X Cell, Inc.

bxccl.com  
1.866.787.3444  
[customerservice@bxccl.com](mailto:customerservice@bxccl.com)

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell



---

**Bio X Cell, Inc.**

bxcell.com  
1.866.787.3444

**customerservice@bxcell.com**

*Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.*

**Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell**