

# Product Datasheet

## Human Coronavirus Spike Protein Antibody (07)

**[CoraFluor™ 1]**

**NBP3-06647CL1**

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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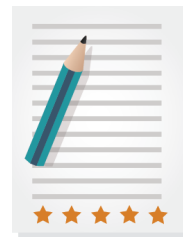
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**NBP3-06647CL1**

Human Coronavirus Spike Protein Antibody (07) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	07
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	<p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p>
Host	Mouse
Gene ID	3200426
Gene Symbol	S
Species	HCoV-HKU1
Reactivity Notes	No cross-reactivity in ELISA with:  Human cell lysate (293 cell line)



<b>Specificity/Sensitivity</b>	<p>HCoV-HKU1 (isolate N1) Spike/S1</p> <p>No cross-reactivity in ELISA with:</p> <p>HCoV-HKU1 (isolate N5) Spike S1+S2 ECD Protein</p> <p>SARS-CoV-2 Spike S1 Protein</p> <p>SARS-CoV-2 Spike S1 NTD Protein</p> <p>SARS-CoV-2 Spike S1 NTD Protein</p> <p>SARS-CoV-2 Spike RBD Protein</p> <p>SARS-CoV-2 Spike S2 Protein</p> <p>SARS-CoV-2 Spike S1+S2 ECD Protein</p> <p>SARS-CoV Spike S1+S2 ECD (S577A, Isolate Tor2) Protein</p> <p>MERS-CoV Spike S1+S2 ECD Protein</p> <p>HCoV-NL63 Spike S1+S2 ECD Protein</p> <p>HCoV-229E Spike S1+S2 ECD Protein</p> <p>HCoV-OC43 Spike S1+S2 ECD Protein</p>
<b>Immunogen</b>	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant HCoV-HKU1 (Accession#: YP_173238.1; Met 1-Arg 760).
<b>Notes</b>	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis.  
Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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