

# Product Datasheet

## Influenza B nucleoprotein Antibody (016) [CoraFluor™ 1] NBP3-12755CL1

Unit Size: 0.1 ml

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

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**NBP3-12755CL1**

Influenza B nucleoprotein Antibody (016) [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	016
Preservative	No Preservative
Isotype	IgG
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	Rabbit
Species	Virus
Reactivity Notes	<p>Pan Influenza B&lt;br/&gt;&lt;br/&gt;Has cross-reactivity in ELISA and WB with:&lt;br/&gt;Influenza B (B/Brisbane/60/2008) NP&lt;br/&gt;Influenza B (B/Colorado/06/2017) NP&lt;br/&gt;Influenza B (B/Florida/4/2006) NP&lt;br/&gt;Influenza B (B/Phuket/3073/2013) NP&lt;br/&gt;Influenza B (B/Washington/02/2019) NP&lt;br/&gt;&lt;br/&gt;No cross-reactivity in ELISA and WB with:&lt;br/&gt;H1N1 (A/Brevig Mission/1/1918) NP&lt;br/&gt;H1N1 (A/Brisbane/02/2018) NP&lt;br/&gt;H1N1 (A/California/07/2009) NP&lt;br/&gt;H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP&lt;br/&gt;H1N1 (A/Hawaii/70/2019) NP&lt;br/&gt;H1N1 (A/Michigan/45/2015) NP&lt;br/&gt;H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M)&lt;br/&gt;H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NP&lt;br/&gt;H2N2 (A/Ann Arbor/6/1960) NP&lt;br/&gt;H3N2 (A/Aichi/2/1968) NP&lt;br/&gt;H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like) NP&lt;br/&gt;H3N2 (A/Hong Kong/1/1968) NP&lt;br/&gt;H3N2 (A/Hong Kong/2671/2019) NP&lt;br/&gt;H3N2 (A/Hong Kong/45/2019) NP&lt;br/&gt;H3N2 (A/Hong Kong/4801/2014) NP&lt;br/&gt;H3N2 (A/Kansas/14/2017) NP&lt;br/&gt;H3N2 (A/Switzerland/9715293/2013) NP&lt;br/&gt;H7N9 (A/Anhui/1-BALF_RG6/2013) NP&lt;br/&gt;H7N9 (A/Shanghai/2/2013) NP&lt;br/&gt;&lt;br/&gt;No cross-reactivity in ELISA with:&lt;br/&gt;SARS-CoV-2 Nucleocapsid Protein&lt;br/&gt;HCoV-229E Nucleocapsid Protein&lt;br/&gt;HCoV-NL63 Nucleocapsid Protein&lt;br/&gt;HCoV-HKU1 Nucleocapsid Protein&lt;br/&gt;HCoV-OC43 Nucleocapsid Protein</p>



<b>Specificity/Sensitivity</b>	Widely recognize Influenza B Nucleoprotein
<b>Immunogen</b>	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza B (Accession#: ACF54251.1; Met1-Tyr560).
<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

**Product Application Details**

<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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