

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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NBP3-1275CL1

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	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. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer .
Host	Rabbit
Species	Virus

Reactivity Notes

Pan Influenza B

Has cross-reactivity in ELISA and WB with:
Influenza B (B/Brisbane/60/2008) NP
Influenza B (B/Colorado/06/2017) NP
Influenza B (B/Florida/4/2006) NP
Influenza B (B/Phuket/3073/2013) NP
Influenza B (B/Washington/02/2019) NP

No cross-reactivity in ELISA and WB with:
H1N1 (A/Brevig Mission/1/1918) NP
H1N1 (A/Brisbane/02/2018) NP
H1N1 (A/California/07/2009) NP
H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP
H1N1 (A/Hawaii/70/2019) NP
H1N1 (A/Michigan/45/2015) NP
H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M)
H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NP
H2N2 (A/Ann Arbor/6/1960) NP
H3N2 (A/Aichi/2/1968) NP
H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like NP
H3N2 (A/Hong Kong/1/1968) NP
H3N2 (A/Hong Kong/2671/2019) NP
H3N2 (A/Hong Kong/45/2019) NP
H3N2 (A/Hong Kong/4801/2014) NP
H3N2 (A/Kansas/14/2017) NP
H3N2 (A/Switzerland/9715293/2013) NP
H7N9 (A/Anhui/1-BALF_RG6/2013) NP
H7N9 (A/Shanghai/2/2013) NP

No cross-reactivity in ELISA with:
SARS-CoV-2 Nucleocapsid Protein
HCoV-229E Nucleocapsid Protein
HCoV-NL63 Nucleocapsid Protein
HCoV-HKU1 Nucleocapsid Protein
HCoV-OC43 Nucleocapsid Protein



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

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	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

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