

Product Datasheet

p16INK4a/CDKN2A Antibody [CoraFluor™ 1] NBP3-06986CL1

Unit Size: 0.1 ml

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

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NBP3-06986CL1

p16INK4a/CDKN2A Antibody [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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Peptide affinity 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>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p>
Host	Rabbit
Gene ID	1029
Gene Symbol	CDKN2A
Species	Human
Specificity/Sensitivity	Human CDKN2A has 6 isoforms, including isoform 1 (156aa, 17kD), isoform 2 (105aa, 11kD), isoform 3 (116aa, 12kD), isoform 5 (167aa, 18kD), isoform tumor suppressor ARF (132aa, 14kD) and isoform smARF (85aa, 9kD). Mouse CDKN2A has 4 isoforms, including isoform 1 (168aa, 18kD), isoform 2 (125aa, 14kD), isoform tumor suppressor ARF (169aa, 19kD) and isoform smARF (125aa, 14kD). Rat CDKN2A has two isoforms, including isoform 1 (159aa, 17kD) and isoform ARF (160aa, 17kD). NBP3-06986 can detect only human isoforms 1 and 5, but cannot detect mouse and rat.
Immunogen	Antibody was raised against a peptide corresponding to 17 amino acids near the carboxy terminus of human CDKN2A. The immunogen is located within the last 50 amino acids of CDKN2A.
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, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-06986CL1

NBP2-35199-10ug	Recombinant Human p16INK4a/CDKN2A Protein
NBP2-35200-5ug	Recombinant Human p16INK4a/CDKN2A TAT Protein
NB200-103	p53 Antibody (PAb 240) - BSA Free
NB100-2736	MDM2/HDM2 Antibody (SMP14) - BSA Free

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.

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