

Product Datasheet

alpha Tubulin 4a Antibody (B-5-1-2) [CoraFluor™ 1] NB120-11304CL1

Unit Size: 0.1 ml

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

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NB120-11304CL1

alpha Tubulin 4a Antibody (B-5-1-2) [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	B-5-1-2
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G 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(IM) 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.
Host	Mouse
Gene ID	7277
Gene Symbol	TUBA4A
Species	Human, Mouse, Rat, Bovine, Chicken, Primate
Reactivity Notes	Cross-reacts with African Green Monkey, Chlamydomonas reinhardtii, kangaroo rat and Sea Urchin. Not yet tested in other species. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	Recognizes an epitope located at the C-terminal end of the alpha-tubulin isoform in a variety of organisms.
Immunogen	Sarkosyl-resistant filaments from Stronglycentrotus purpuratus (sea urchin).
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, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Microarray
Recommended Dilutions	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Microarray
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NB120-11304CL1

H00007277-P01-10ug	Recombinant Human alpha Tubulin 4a GST (N-Term) Protein
U-100H-10M	Ubiquitin [Unconjugated]
NBL1-17433	alpha Tubulin 4a Overexpression Lysate
NB600-501	beta-Actin Antibody (AC-15)

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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