

# Product Datasheet

## ARNT/HIF-1 beta Antibody (H1beta234) [CoraFluor™ 1] NB100-124CL1

Unit Size: 0.1 ml

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

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**NB100-124CL1**

ARNT/HIF-1 beta Antibody (H1beta234) [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	H1beta234
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein 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	405
Gene Symbol	ARNT
Species	Human, Mouse, Rat, Bovine, Ferret, Primate, Sheep
Immunogen	ARNT/HIF-1 beta Antibody (H1beta234) was developed against a fusion protein containing amino acids 496-789 of human HIF-1 beta. [Uniprot: P27540]
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, Gel Super Shift Assays, Immunoblotting, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunoblotting, Gel Super Shift Assays, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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**Products Related to NB100-124CL1**

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H00000405-P01-10ug	Recombinant Human ARNT/HIF-1 beta GST (N-Term) Protein
DVE00	VEGF [HRP]
NB100-982	ARNT/HIF-1 beta Antibody Pack
NB100-105	HIF-1 alpha Antibody (H1alpha67)

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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.

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