

Product Datasheet

Neuregulin-1 beta 1/NRG1 beta 1 Antibody (147705) [CoraFluor™ 1] FAB3771CL1

Unit Size: 0.1 ml

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

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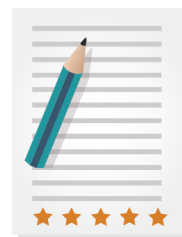
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FAB3771CL1

Neuregulin-1 beta 1/NRG1 beta 1 Antibody (147705) [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	147705
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
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	Mouse
Gene ID	3084
Gene Symbol	NRG1
Species	Human
Specificity/Sensitivity	Detects human NRG1-β1 in ELISAs. Recognizes an epitope found in the EGF-like domain of NRG1-β1 (amino acids 179-246). It also detects recombinant human SMDF (Sensory and Motor neuron-Derived Factor), but it does not recognize the EGF-like domain of human NRG1-α (amino acids 177-241). The epitope is present within amino acids 213-230 of human NRG1-β1. This segment is present in all NRG1 beta isoforms, GGF-2 (glial growth factor), and SMDF, but it is absent from NRG1-α, NDF43, and NRG1-γ.
Immunogen	<i>E. coli</i> -derived recombinant human NRG1-β1/HRG1-β1 Ser2-Lys246 Accession # AAA58639
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	ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair)
Recommended Dilutions	ELISA Standard (Matched Pair), ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB3771CL1

NBP2-35097-10ug	Recombinant Human Neuregulin-1 beta 1/NRG1 beta 1 Protein
236-EG-200	EGF [Unconjugated]
396-HB-050	Neuregulin-1 beta 1/NRG1 beta 1
DY413-05	IL-13 [Biotin]

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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