

# Product Datasheet

## Neuregulin-1 beta 1/NRG1 beta 1 Antibody (147705) [Dylight 755] FAB3771Z

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB3771Z**

Neuregulin-1 beta 1/NRG1 beta 1 Antibody (147705) [Dylight 755]

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.
Clonality	Monoclonal
Clone	147705
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	DyLight 755
Purity	Protein A or G purified from hybridoma culture supernatant
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	3084
Gene Symbol	NRG1
Species	Human
Specificity/Sensitivity	Detects human NRG1- $\beta$ 1 in ELISAs. Recognizes an epitope found in the EGF-like domain of NRG1- $\beta$ 1 (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- $\alpha$ (amino acids 177-241). The epitope is present within amino acids 213-230 of human NRG1- $\beta$ 1. This segment is present in all NRG1 beta isoforms, GGF-2 (glial growth factor), and SMDF, but it is absent from NRG1- $\alpha$ , NDF43, and NRG1- $\gamma$ .
Immunogen	<i>E. coli</i> -derived recombinant human NRG1- $\beta$ 1/HRG1- $\beta$ 1 Ser2-Lys246 Accession # AAA58639
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

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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### **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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