

## Product Datasheet

## Anti-Neuregulin-CRD (Cysteine-Rich Domain, Type III) Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-226-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N126B/31
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC
<b>Species Reactivity</b>	Human and Rat
<b>Immunogen</b>	Fusion protein amino acids 1-75 (membrane-associated N-terminus) of human Neuregulin-1 (accession number Q96IB3) produced recombinantly in E. Coli
<b>Molecular Weight</b>	30 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-226-FL594, RRID: AB_2939826

## Details

<b>Target Description</b>	Neuregulin 1 is encoded by the gene NRG1. NRG1 is a member of the neuregulin family. NRG1 is a membrane glycoprotein that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. NRG1 is expressed in the nervous system, intestine, muscle, and heart. Diseases associated with NRG1 include Schizophrenia 6 and Lung Cancer.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
<b>Storage</b>	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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