

Product Datasheet

Anti-Neuregulin-HBD (Heparin Binding Domain, Type I/II) Antibody FL490 Conjugate



Overview

Catalog #	75-225-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2a
Clone Number	N120A/9
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Human
Immunogen	Fusion protein amino acids 14-117 (extracellular N-terminus) of human Neuregulin-1 (accession number Q02297) produced recombinantly in E. Coli
Molecular Weight	None Reported
Cite this Antibody	Antibodies Inc Cat# 75-225-FL490, RRID: AB_2939820

Details

Target Description	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.
Specificity	No cross-reactivity reported
Purification Method	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.
Quality Control Tests	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.

Storage

Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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