

Product Datasheet

Anti-NrCAM Antibody FL550 Conjugate



Overview

Catalog #	75-325-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2a
Clone Number	N343/26
Size	200 µL
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	Mouse and Rat
Immunogen	Fusion protein amino acids 30-845 (extracellular domain) of mouse NrCAM (accession number Q810U4) produced recombinantly in E. Coli
Molecular Weight	160 kDa
Cite this Antibody	Antibodies Inc Cat# 75-325-FL550, RRID: AB_2940125

Details

Target Description	Neuronal Cell Adhesion Molecule is encoded by the gene NRCAM. NRCAM is a member of the immunoglobulin superfamily, L1/neurofascin/NgCAM family. NRCAM is an ankyrin-binding protein that is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. NRCAM also may play a role in cell-cell communication via signalling from its intracellular domain to the actin cytoskeleton during directional cell migration. NRCAM is expressed in the brain. Diseases associated with NRCAM include Masa Syndrome and Autism.
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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