

## Product Datasheet

## Anti-Tafazzin Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-197-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N173B/13
<b>Size</b>	200 $\mu$ L
<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
<b>Immunogen</b>	Fusion protein amino acids 1-262 (full-length) of human Tafazzin with exon 5 deleted (accession number Q16635-3) produced recombinantly in E. Coli
<b>Molecular Weight</b>	30 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-197-FL650, RRID: AB_2939731

## Details

<b>Target Description</b>	Tafazzin, Protein G4.5 or Transcriptional Coactivator With PDZ-Binding Motif is encoded by the gene TAZ. Tafazzin is a mitochondrial transacylase which is involved in cardiolipin remodeling. Tafazzin is expressed in cardiac and skeletal muscle. Diseases associated with this gene include Barth Syndrome and Atrial Standstill.
<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 $\leq -20^{\circ}\text{C}$ 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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